



1/61

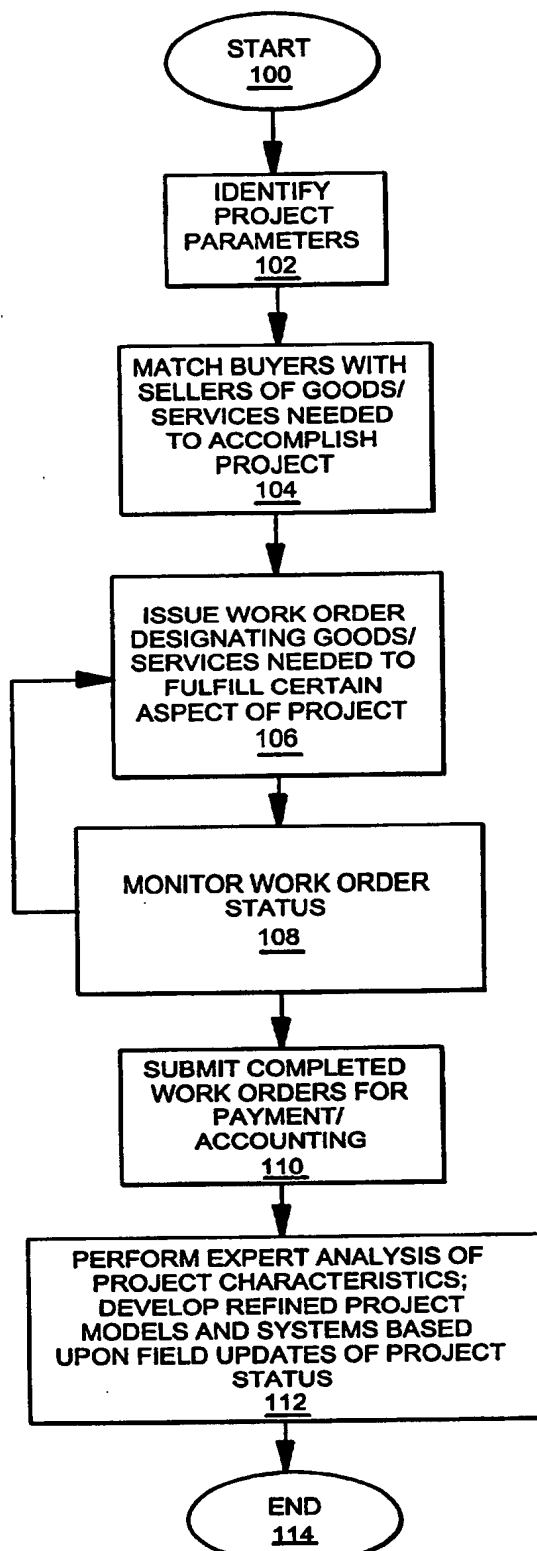


FIG.1

2/61

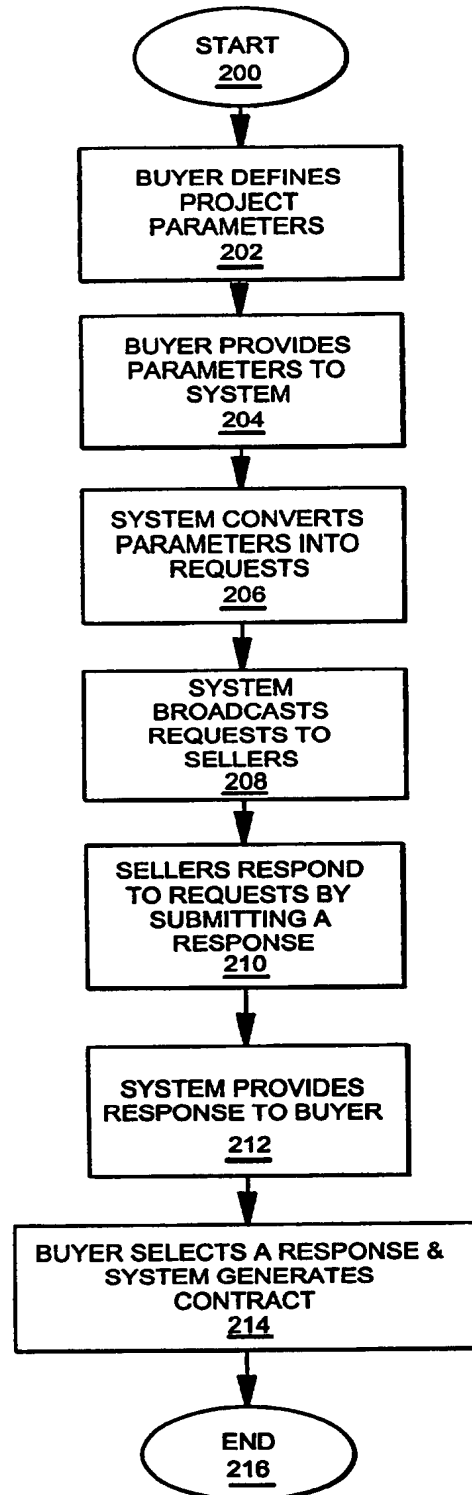


FIG.2

3/61

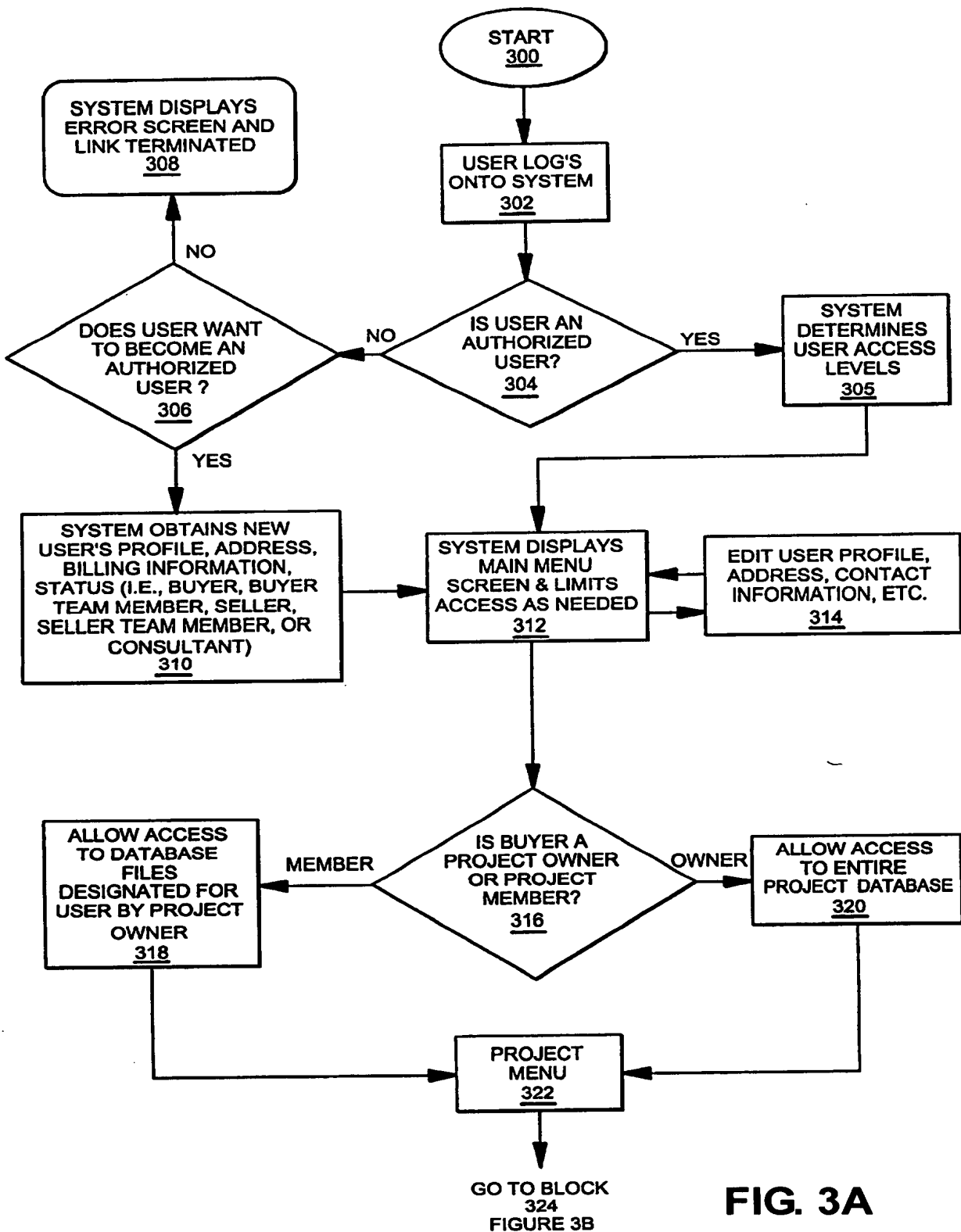


FIG. 3A

4/61

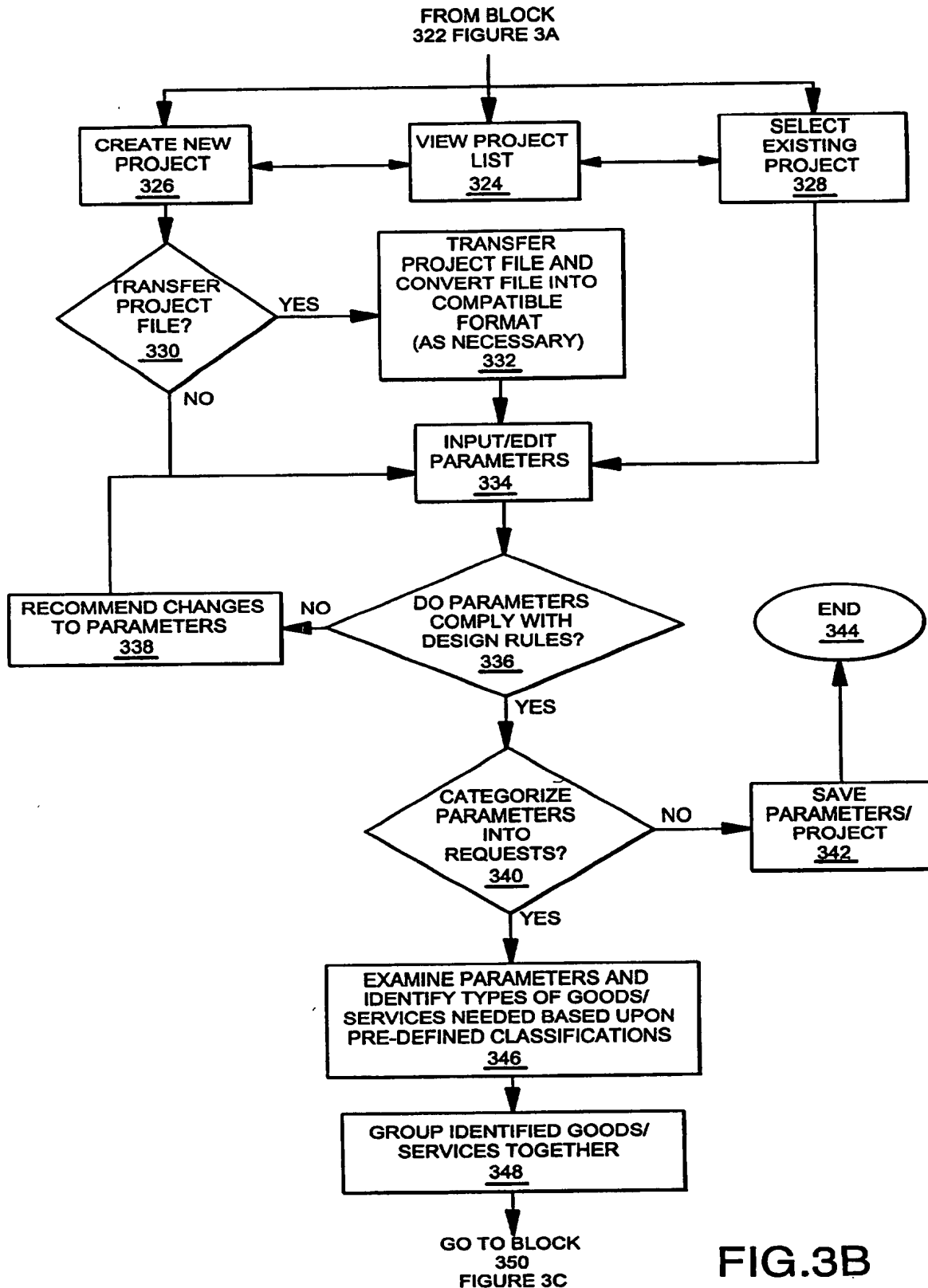
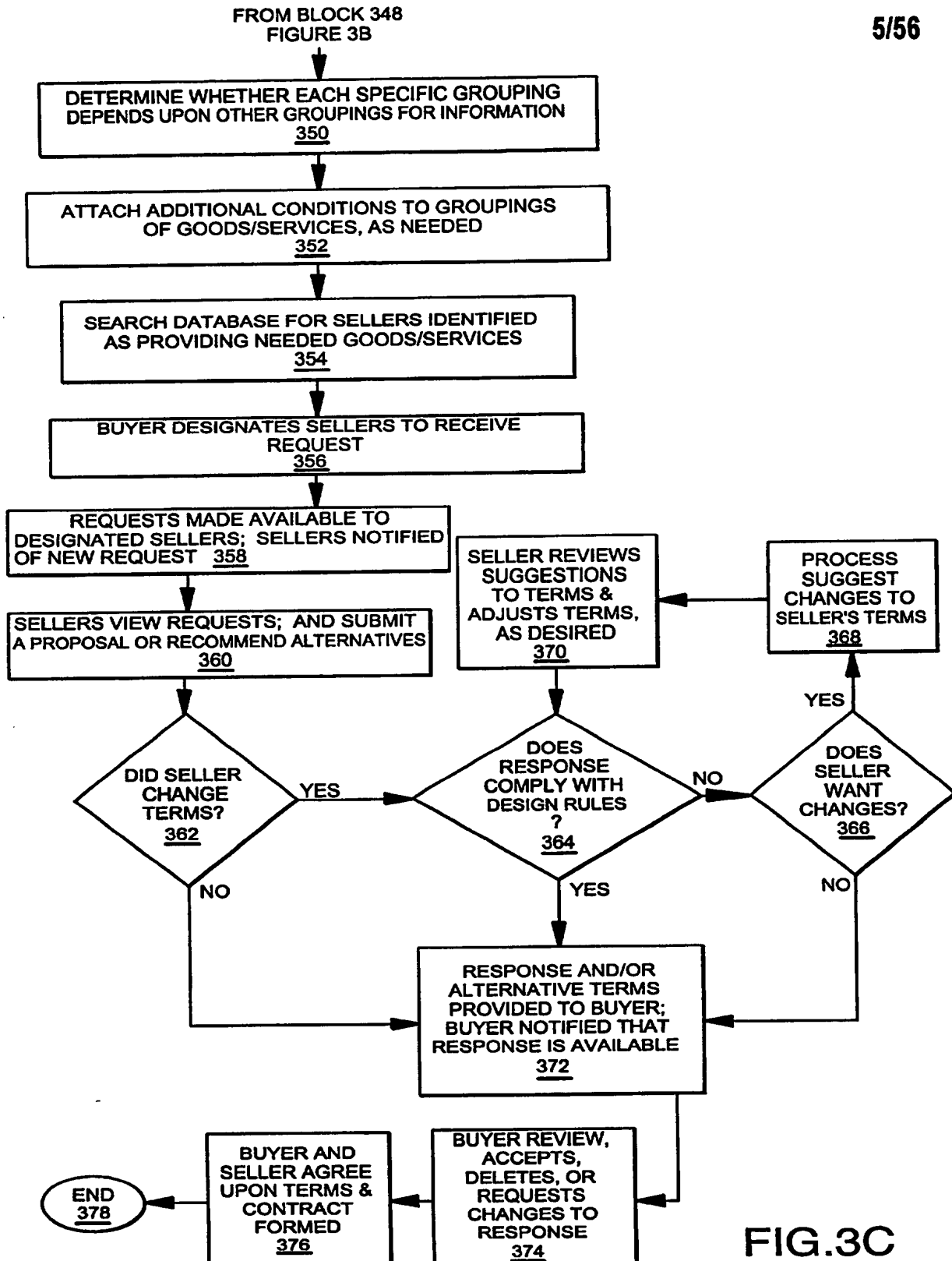


FIG.3B

5/61

5/56



6/61

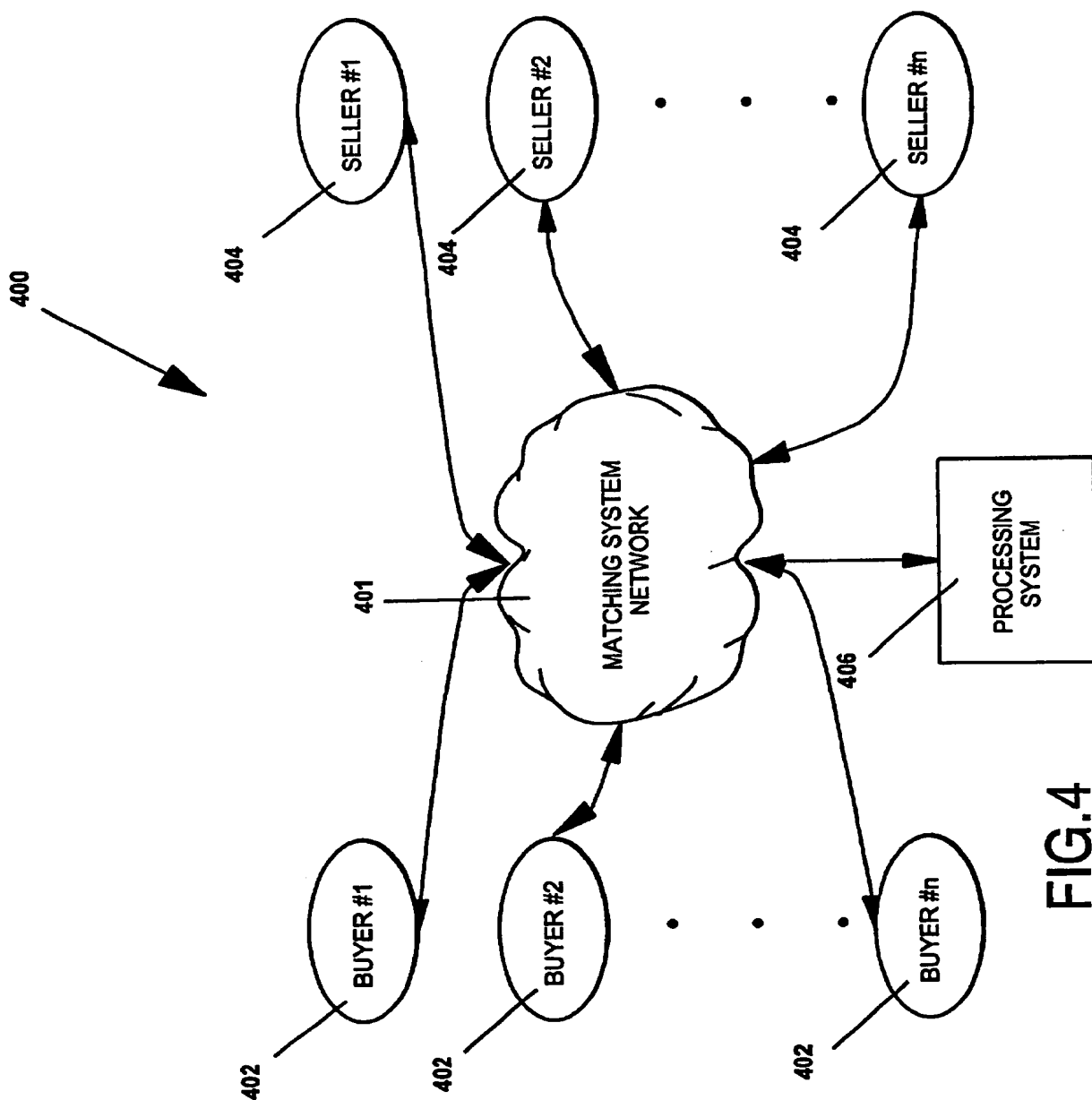


FIG.4

7/61

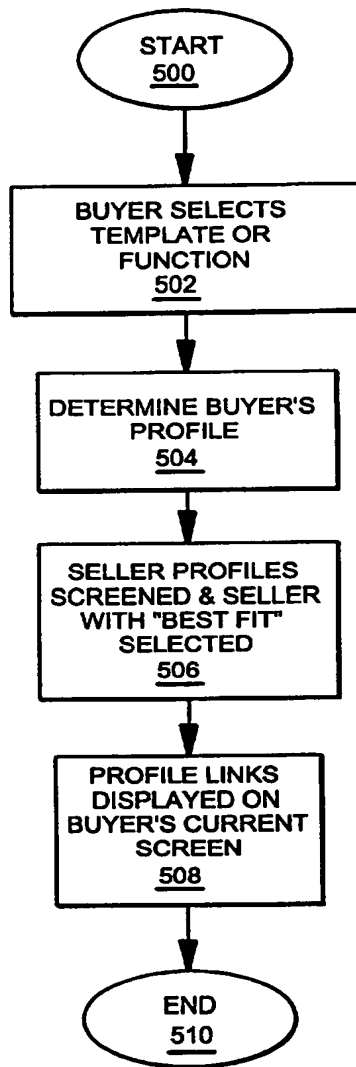


FIG.5

8/61

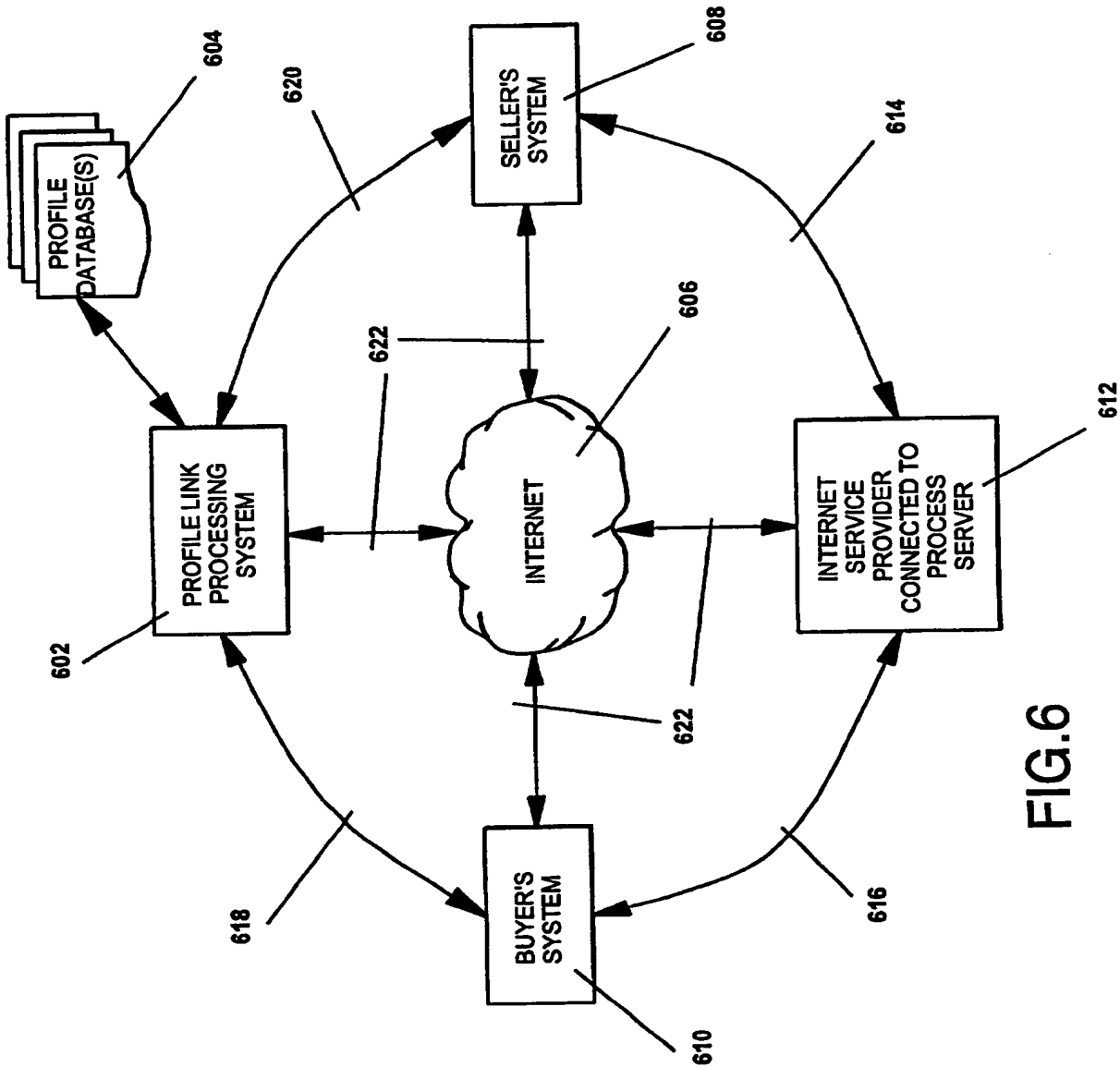
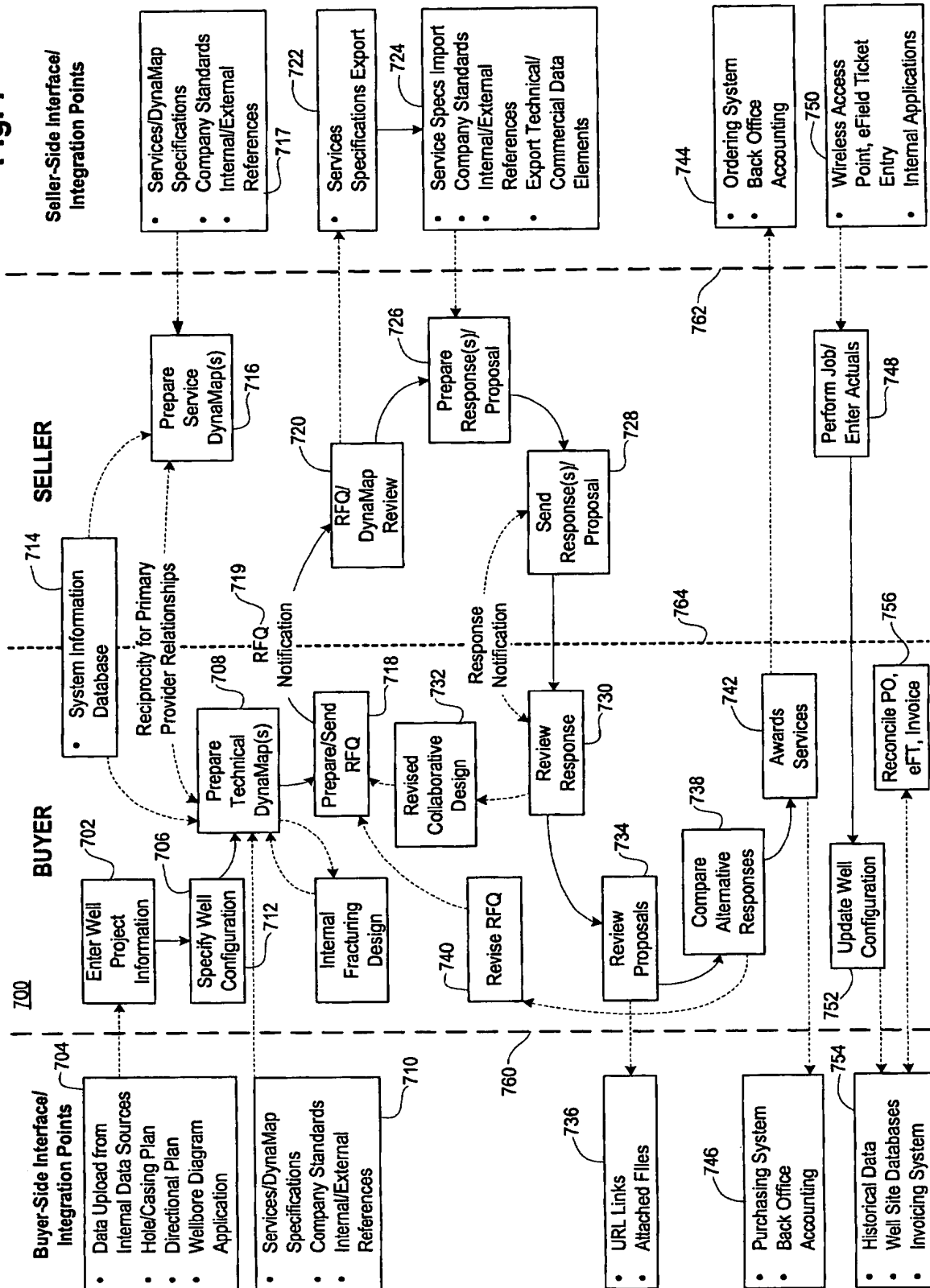


FIG.6

9/61

Fig. 7

System Overview and Interface/Integration Points



10/61

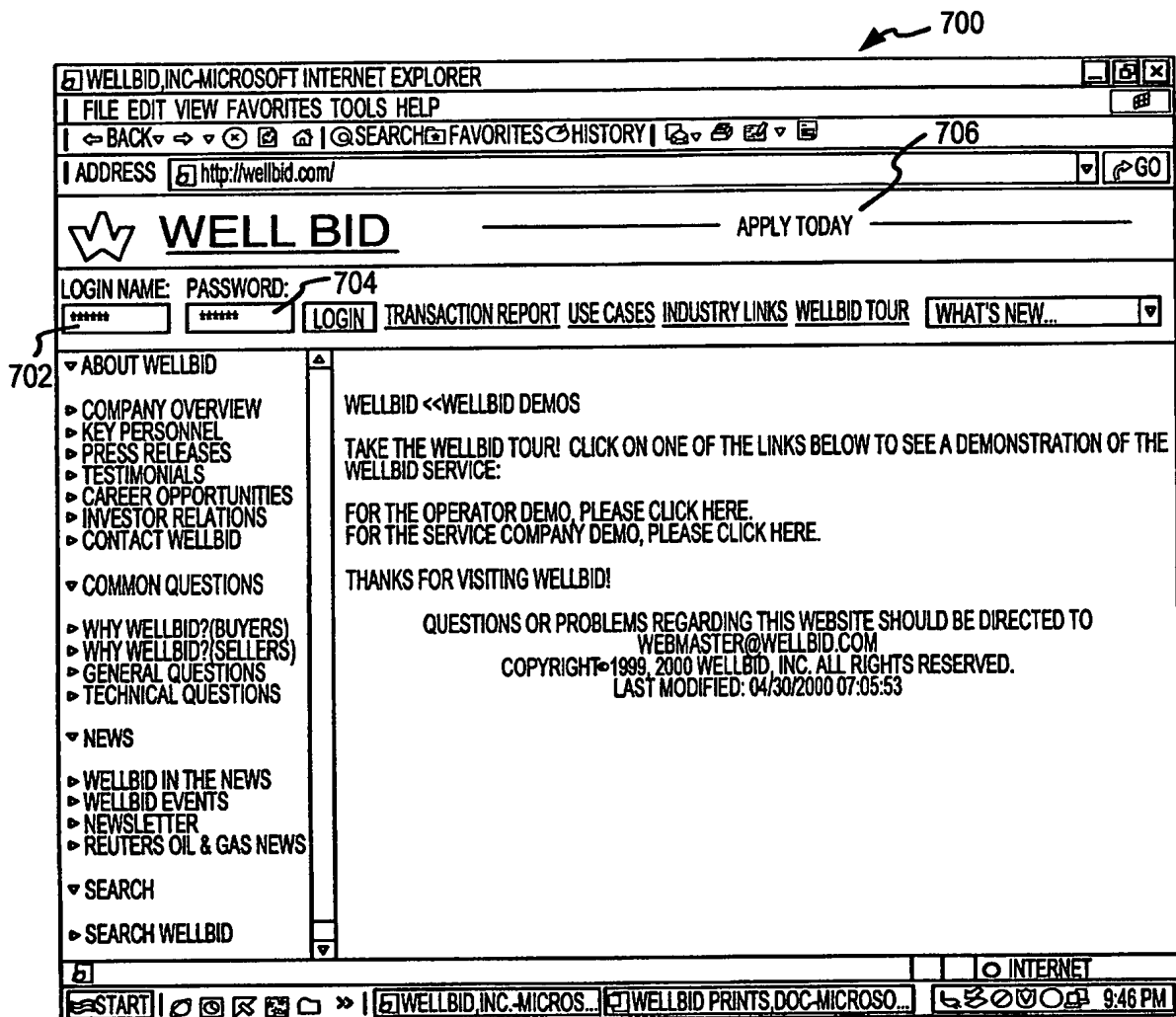


FIG.8A

11/61

800

WELLOGIX

USER PROFILE

PLEASE UPDATE YOUR PERSONAL PROFILE INFORMATION BELOW AND CLICK THE SAVE BUTTON

BID REQUEST SUMMARY
ALL PROJECTS LIST
PROFILE
USER PROFILE 802
PROJECTS
GO
FIND A CONSULTANT
GIVE US FEEDBACK
LOGOUT

PREFIX: MR
FIRST: JOHN
MIDDLE INITIAL:
LAST: SMITH
LOGIN: TECH
PASSWORD: TECH
TITLE: GLOBAL DRILLING ENGINEER
EMAIL ADDRESS:
REGION & BASIN: CANADA-ALBERTA
CANADA-BRITISH COLUMBIA
SPE NUMBER:
LAST DEGREE: MBA 2001
YEAR GRADUATED: 1980
SPECIALTY: DRILLING MECHANICS
NOTIFICATION PREFERENCE: EMAIL

804

SAVE **CANCEL** **RESET**

COPYRIGHT©1999, 2000 WELLBID, INC. ALL RIGHTS RESERVED.
PATENT PENDING
"WELLOGIX" AND THE WELLOGIX LOGO ARE PROPRIETARY SERVICE MARKS OF WELLOGIX, INC.

FIG.8B

Joint Interest Partner Maintenance

Partner Client	Owner Name / Contact Name	Interest Percent	Phone no.	Email Address
<div style="display: flex; justify-content: space-between;"> 830 <div> <div style="display: flex; justify-content: space-between; width: 100%;"> AFE Number 1002 </div> <div style="display: flex; justify-content: space-between; width: 100%;"> 521 XYZ Operating </div> </div> </div>	<div style="display: flex; justify-content: space-between; width: 100%;"> 836 <div> <div style="display: flex; justify-content: space-between; width: 100%;"> 832 <div style="border: 1px solid black; height: 20px; width: 100%;"></div> </div> </div> </div>	<div style="display: flex; justify-content: space-between; width: 100%;"> 838 <div> <div style="display: flex; justify-content: space-between; width: 100%;"> 49.00% <div style="border: 1px solid black; height: 20px; width: 100%;"></div> </div> </div> </div>	<div style="display: flex; justify-content: space-between; width: 100%;"> 834 <div> <div style="display: flex; justify-content: space-between; width: 100%;"> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> </div> </div> </div>	

FIG. 8C

13/61

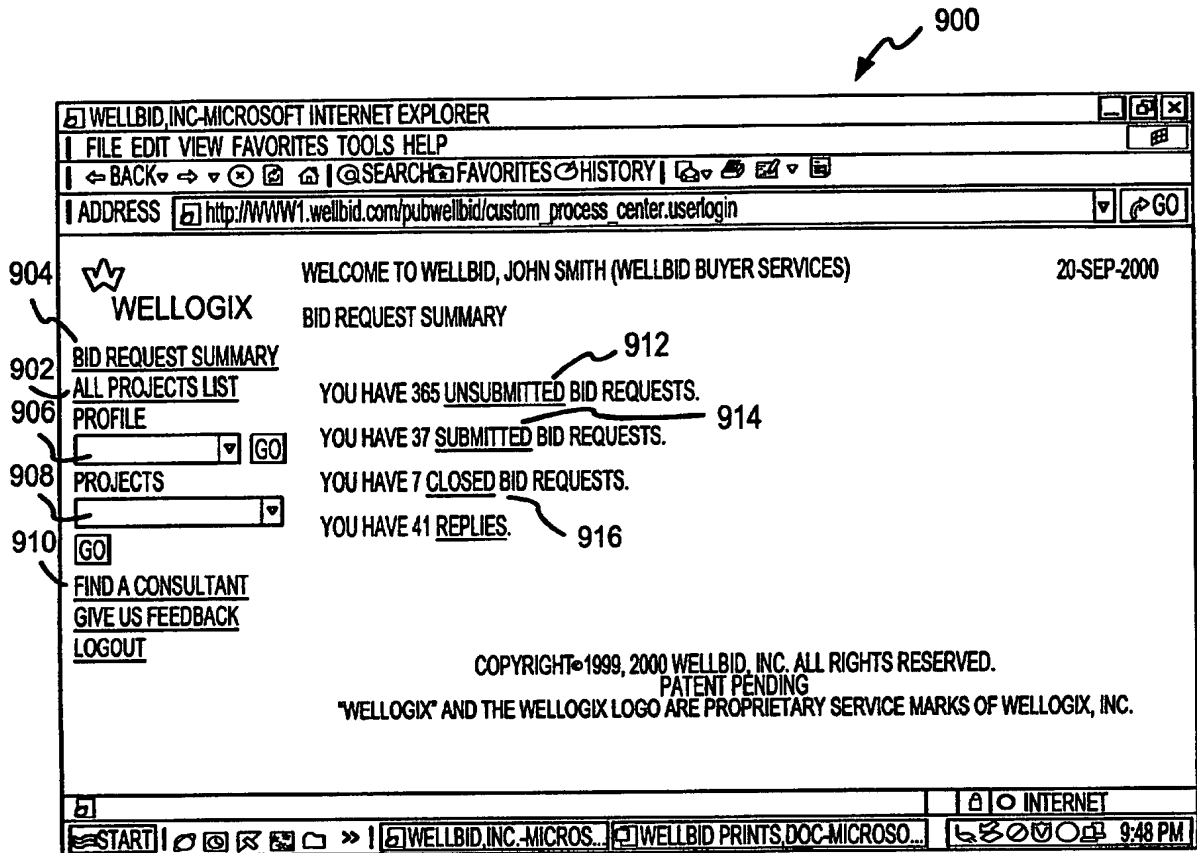


FIG.9A

New Services

WEB Map

eNersection.com Technical Messaging

Conversation:

Service Linked From

Industry Members

Company	Member	Online
BJ Services	John Doe	Yes
BPAimoco	Bob Smith	Yes
Haliburton	Jane Doe	Yes
Marathon	John Glenn	Yes
Texaco	Billy Bob	Yes
TotalFINA	Jacques Cousteaux	No

Question/Response:

Send

920

922

924

926

928

FIG. 9B

15/61

1000

WELLOGIX

BID REQUEST SUMMARY
ALL PROJECTS LIST
PROFILE
USER PROFILE [v] [GO]
PROJECTS
[v]
[GO]
FIND A CONSULTANT
GIVE US FEEDBACK
LOGOUT

NEW BID REQUEST AND DETAILS SUMMARY
1002

CREATED	PROJECT NAME	WELL NAME	HOLE SECTION NAME	REQUEST/DETAIL TYPE
28-APR-00	SOUTH PASS 68			RIG SPECIFICATION-DRILL SHIP
28-APR-00	SOUTH PASS 68			RIG SPECIFICATION-INLAND BARGE
01-SEP-00	SOUTH PASS 68			CASING
22-JUN-00	DWT 700			RIG SPECIFICATION-DRILL SHIP
22-JUN-00	DWT 700			RIG SPECIFICATION-INLAND BARGE
22-JUN-00	DWT 700			RIG SPECIFICATION-JACK-UP
22-JUN-00	DWT 700			RIG SPECIFICATION-PLATFORM
22-JUN-00	DWT 700			RIG SPECIFICATION-SEMI-SUBMERSIBLE
22-JUN-00	DWT 700			RIG SPECIFICATION-SUBMERSIBLE
16-AUG-00	DWT 700	ST 384 #1		WELLHEAD
21-AUG-00	YR2000 TENSLEEP PROI	ST 384 #1-1		WELLHEAD
21-AUG-00	TEST	ST 384-SS #2-1		FORMATION EVALUATION (OH/CH) AND WIRELINE SERVICES
26-APR-00	YR2000 TENSLEEP PROI	DS5-15		RENTAL EQUIPMENT
18-MAY-00	SOUTH PASS 68	A-33		WELLHEAD
18-MAY-00	SOUTH PASS 68	A-33		SIMULATION
18-MAY-00	SOUTH PASS 68	A-33		RIG

1022

FIG.10A

16/61

1004


WELLOGIX		ALL PROJECTS LIST > SOUTH PASS 68-OFFSHORE PROJECT DETAILS	
BID REQUEST SUMMARY ALL PROJECTS LIST PROFILE PROJECTS SOUTH PASS 68 PROJECT REQUEST WELLS FIND A CONSULTANT GIVE US FEEDBACK LOGOUT		PROJECT NAME SOUTH PASS 68 PROJECT DESCRIPTION DEVELOPMENT DRILLING PROGRAM FOR YEAR 2000 COUNTRY UNITED STATES REGION-BASIN GOM-GULF COAST SALT DOME STATE/PROVINCE LOUISIANA ACREAGE OWNERSHIP OCSG ESTIMATED START DATE 15-SEP-2000 ESTIMATED PROJECT DURATION 180 DAYS UNITS OF MEASURE ENGLISH LOCATION OF SHORE BASE COUNTRY UNITED STATES STATE/PROVINCE LOUISIANA CITY OR TOWN VENICE DISTANCE TO PROJECT LOCATION 20 MILES AVG WATER DEPTH @ PROJECT LOCATION 105 FT PLATFORM FOR OPERATIONS PLATFORM SCOPE OF PROJECT DRILL 3 DIRECTIONAL WELLS TO PENETRATE MULTIPLE HORIZONS AROUND THE XX SALT DOME.	
EDIT/UPDATE PROJECT DETAIL ADD WELL TO PROJECT VIEW PROJECT USERS VIEW WELLS FOR PROJECT		1006 1008 1010 1012	

FIG.10B

17/61

1014

ALL PROJECTS LIST > SOUTH PASS 68 > OFFSHORE PROJECT USERS
1016

 WELLOGIX

[BID REQUEST SUMMARY](#)
[ALL PROJECTS LIST](#)
[PROFILE](#)

[PROJECTS](#)

[PROJECT REQUEST](#)
[WELLS](#)

[FIND A CONSULTANT](#)
[GIVE US FEEDBACK](#)
[LOGOUT](#)

PROJECT USERS

NAME	EMAIL	PHONE	PROJECT ROLE
JOHN SMITH(TECH)	INFO@WELLBID.COM	(303)300-3520	OWNER

ADD A USER TO THIS PROJECT

USER	ROLE
<input type="text" value="BP AMOCO(BPAMOCO)"/>	<input type="text" value="USER"/>
<input type="text" value="BP AMOCO(BPAMOCO)"/>	
MARK (TESTING)	
LORNE (LBARTLEY)	
WALTER (WBLISS)	
DANE (BDANE)	
ELIOT (COOPER)	
SCOTT (SCOPE)	
JIM (DANE)	
JACK (JDOAK)	
JOHN (BDEMO)	
ALEX (IRINA)	

1018 1020

FIG.10C

18/61

1024

WELLOGIX

[BID REQUEST SUMMARY](#)
[ALL PROJECTS LIST](#)
[PROFILE](#)
[USER PROFILE](#)
[PROJECTS](#)
[SOUTH PASS 68](#)

[PROJECT REQUEST](#)
[WELLS](#)

[FIND A CONSULTANT](#)
[GIVE US FEEDBACK](#)
[LOGOUT](#)

REQUEST MANAGER

COVER INFO:

STATUS	NOT SUBMITTED
BID REQUEST	RIG SPECIFICATION-DRILL SHIP
REQUEST FOR	
DUE DATE	
COMMENTS	
FILE ATTACHMENTS	NO FILE ATTACHED

1026

LIST OF DETAILS

DETAIL NO	RIG SPECIFICATION-DRILL SHIP	
17	DRAFT	...

1028

VENDOR STATUS 1044 1046 1048

THE VENDOR LIST IS EMPTY BECAUSE THIS BID REQUEST HAS NOT BEEN SUBMITTED YET.

FIG.10D

19/61

1030

WELLOGIX

BID REQUEST SUMMARY

ALL PROJECTS LIST

PROFILE

PROJECTS

YR2000 TENSLEEP PRO

PROJECT REQUEST

WELLS

DS5-15

DETAILS

HOLE SECTIONS

FIND A CONSULTANT

GIVE US FEEDBACK

LOGOUT

SELECT A FEATURED VENDOR OR SUGGEST A VENDOR

PREFER	COMPANY NAME	SALES PERSON
<input type="checkbox"/>	BLACK WARRIOR WIRELINE CORP.	MARK ROBERTS
<input type="checkbox"/>	BLACK WARRIOR WIRLINE CORP.	BOB MINYARD
<input type="checkbox"/>	CARDINAL SURVEYS COMPANY	CHARLIE NEWSOM

CH LOGGING (INCLUDING FORMATION/PRODUCTION LOGGING) & WL SERVICES

REQUIREMENT NEEDS		
CEMENT EVALUATION	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> E-LINE
PRODUCTION AND LOGGING	<input type="checkbox"/> NO	<input type="checkbox"/>
FORMATION EVALUATION	<input type="checkbox"/> NO	<input type="checkbox"/>
CASING/TUBING INSPECTION	<input type="checkbox"/> NO	<input type="checkbox"/>
TIE IN RUNS	<input type="checkbox"/> NO	<input type="checkbox"/>
SET PACKERS/BP PLUGS	<input type="checkbox"/> NO	<input type="checkbox"/>
CLEANOUT FILL	<input type="checkbox"/> NO	<input type="checkbox"/>

LOGGING TOOLS/SERVICES REQUIRED	FROM MD, FT	TO MD, FT
CASING COLLAR LOCATOR (CCL)	<input checked="" type="checkbox"/> YES	13294 12100
GAMMA RAY (GR)	<input checked="" type="checkbox"/> YES	13294 12100
TEMPERATURE	<input checked="" type="checkbox"/> YES	13294 12100
CEMENT BOND	<input checked="" type="checkbox"/> YES	13294 12100

...

1036

DEPTH OF MAX HOLE ANGLE MD, FT

LOGGING THRU CASING OR TUBING? ☒ CASING

CASING/TUBING						
OD SIZE, IN	WEIGHT, LB/FT	ID SIZE (DRIFT), IN	TOP, MD-FT	BOTTOM, MD-FT	MINIMUM ID IN STRING, IN	DEPTH OF MIN ID, FT
4.5	12.6	3.875	12033	13294	3.875	
7	29	6.059	0	12183	6.059	

ADD MORE LINES

COMMENTS


NEED TO EVALUATE A CEMENT JOB ACROSS A 4 1/2" LINER. MAX ANGLE OF WELL AND TANGENT SECTION OF WELL IS 43 DEGREES.

COPYRIGHT©1999, 2000 WELLBID, INC. ALL RIGHTS RESERVED.
PATENT PENDING
"WELLOGIX" AND THE WELLOGIX LOGO ARE PROPRIETARY SERVICE MARKS OF WELLOGIX, INC.

FIG.10E

20/61

1040

 **WELLOGIX**

BID REQUEST SUMMARY
ALL PROJECTS LIST
 PROFILE

 PROJECTS

PROJECT REQUEST
 WELLS

DETAILS
 HOLE SECTIONS

FIND A CONSULTANT
GIVE US FEEDBACK
LOGOUT

(REQUEST #3754) CH LOGGING & WL SERVICES

REQUEST TYPE: AFE ESTIMATE
 REPLY BY: 01-JUL-00

REQUESTED BY:	JOHN SMITH	OFFICE PHONE:	
TITLE:	GLOBAL DRILLING ENGINEER	FAX:	
COMPANY NAME:	BUYER SERVICES	E-MAIL:	
MAILING ADDRESS:	ADDRESS DENVER CO 80222	REGION & BASIN:	ROCKIES-BIG HORN

PROJECT NAME: YR2000 TENSLEEP PRO
 REGION & BASIN: ROCKIES-BIG HORN
 COUNTRY: USA

WELL NAME: DS5-15
 WELL DESCRIPTION: NEW TENSLEEP PRODUCER

TD MD, FT	13294
TD TVD, FT	10729
BHST DEG, F	250
WELLBORE FLUID WHILE LOGGING	BRINE
AVERAGE HOLE ANGLE, DEG	43
MAX HOLE ANGLE, DEG	43
DEPTH OF MAX HOLE ANGLE MD, FT	3500
LOGGING THRU CASING OR TUBING?	CASING

CASING/TUBING							
OD SIZE, IN	WEIGHT, LBM/FT	ID SIZE(DRIFT), IN	TOP MD, FT	BOTTOM MD, FT	MINIMUM ID IN STRING, IN	DEPTH OF MIN ID, FT	TUBING TAIL DEPTH, FT
4.5	12.6	3.875	12033	13294	3.875		
7	29	6.059	0	12183	6.059		

COMMENTS
 NEED TO EVALUATE A CEMENT JOB ACROSS A 4 1/2" LINER. MAX ANGLE OF WELL AND TANGENT SECTION OF WELL IS 43 DEGREES.

1042 { CATEGORY ATTACHMENTS:
CASING SUMMARY FILE ATTACHMENTS:
TUBING SUMMARY NO FILE ATTACHED

COPYRIGHT©1999, 2000 WELLBID, INC. ALL RIGHTS RESERVED.
 PATENT PENDING
 "WELLOGIX" AND THE WELLOGIX LOGO ARE PROPRIETARY SERVICE MARKS OF WELLOGIX, INC.

FIG.10F

21/61

1100



WELLOGIX

CLOSED BID REQUEST AND DETAILS SUMMARY

[BID REQUEST SUMMARY](#)[ALL PROJECTS LIST](#)[PROFILE](#)

[PROJECTS](#)

[PROJECT REQUEST](#)[WELLS](#)

[FIND A CONSULTANT](#)[GIVE US FEEDBACK](#)[LOGOUT](#)

CREATED	PROJECT NAME	WELL NAME	HOLE SECTION NAME	REQUEST/DETAIL TYPE
17-MAY-00	YR2000-TENSLEEP PROJ			CASING
15-JUN-00	DWT 700	ST 384#1		FORMATION EVALUATION (OH/CH) AND WIRELINE SERVICES
26-APR-00	YR2000-TENSLEEP PROJ	DS5-15		PUMPING UNIT
26-APR-00	YR2000-TENSLEEP PROJ	DS5-15		CH LOGGING & WL SERVICES
20-JUN-00	YR2000-TENSLEEP PROJ	DS5-15		FORMATION EVALUATION (OH/CH) AND WIRELINE SERVICES
26-APR-00	YR2000-TENSLEEP PROJ	DS5-15		REMEDIAL CEMENTING
26-APR-00	YR2000-TENSLEEP PROJ	DS5-15	PRODUCTION	OPEN HOLE LOGGING

COPYRIGHT©1999, 2000 WELLBID, INC. ALL RIGHTS RESERVED.

PATENT PENDING

"WELLOGIX" AND THE WELLOGIX LOGO ARE PROPRIETARY SERVICE MARKS OF WELLOGIX, INC.

FIG.11

22/61

FIG.12A

1200

WELLOGIX

BID REQUEST SUMMARY

ALL PROJECTS LIST

PROFILE

PROJECTS

GO

FIND A CONSULTANT

GIVE US FEEDBACK

LOGOUT

REPLIES TO BID REQUESTS

PROJECT NAME	WELL NAME	HOLE SECTION NAME	REQUEST/DETAIL TYPE	VENDOR	INTERESTED	FEEDBACK	RESPONSE DATE
YR2000 TENSLEEP PROJ			CASING	JOHN DOE	YES	YES	29-MAY-2000
YR2000 TENSLEEP PROJ	DS5-15		TUBING	JOHN DOE	YES	YES	29-MAY-2000
YR2000 TENSLEEP PROJ	DS5-15		CH LOGGING & WL SERVICES	JOHN DOE	YES	YES	29-MAY-2000
YR2000 TENSLEEP PROJ	DS5-15		COMPLETION PACKERS	JOHN DOE	YES	YES	29-MAY-2000
YR2000 TENSLEEP PROJ	DS5-15		ISOLATION TOOLS-BRIDGE PLUGS	JOHN DOE	YES	YES	29-MAY-2000
YR2000 TENSLEEP PROJ	DS5-15		ISOLATION TOOLS-RETRIEVABLE PACKERS	JOHN DOE	YES	YES	29-MAY-2000
YR2000 TENSLEEP PROJ	DS5-15		LOCATION	JOHN DOE	YES	YES	29-MAY-2000
YR2000 TENSLEEP PROJ	DS5-15		PUMPING UNIT	JOHN DOE	YES	YES	29-MAY-2000
YR2000 TENSLEEP PROJ	DS5-15		RAT/MOUSE HOLE	JOHN DOE	YES	YES	29-MAY-2000

23/61

1210



WELLOGIX

VENDOR INFO

[BID REQUEST SUMMARY](#)[ALL PROJECTS LIST](#)[PROFILE](#)[PROJECTS](#)[FIND A CONSULTANT](#)[GIVE US FEEDBACK](#)[LOGOUT](#)


REPLIED BY:	JOHN DOE	OFFICE PHONE:	303 300 3520
TITLE:		FAX:	UNKNOWN
COMPANY NAME:	WELLBID VENDOR SERVICES	E-MAIL:	HURST@WELLBID.COM
MAILING ADDRESS:	4155 EAST JEWELL AVE. STE. 225 DENVER CO 80222	REGION & BASIN:	GOM-GULF COAST SALT DOME GOM-RIO GRANDE EMBAYMENT GULF STATES-SOUTH LOUISIANA ROCKIES-BIG HORN

[BACK](#)

COPYRIGHT©1999, 2000 WELLBID, INC. ALL RIGHTS RESERVED.
PATENT PENDING
"WELLOGIX" AND THE WELLOGIX LOGO ARE PROPRIETARY SERVICE MARKS OF WELLOGIX, INC.

FIG.12B

24/61



WELLOGIX

[BID REQUEST SUMMARY](#)

[ALL PROJECTS LIST](#)

[PROFILE](#)

▼

GO

[PROJECTS](#)

[YR2000 TENSLEEP PROJ](#)

▼

BACK

GO

[PROJECT REQUEST](#)

[WELLS](#)

▼

GO

[FIND A CONSULTANT](#)

[GIVE US FEEDBACK](#)

[LOGOUT](#)

VENDOR FEEDBACK

1212

PROJECT NAME	WELL NAME	HOLE SECTION NAME	BID REQUEST/DETAIL TYPE CASING	VENDOR	RESPONSE DATE
YR2000 TENSLEEP PROJ				JOHN DOE	29-MAY-2000

COMMENTS:

WHERE DO YOU WANT THIS TO BE DELIVERED?

1214

BACK

COPYRIGHT 1999, 2000 WELLBID, INC. ALL RIGHTS RESERVED.
PATENT PENDING
"WELLOGIX" AND THE WELLOGIX LOGO ARE PROPRIETARY SERVICE MARKS OF WELLOGIX, INC.

FIG.12C

25/61

ALL PROJECTS

1300

VIEW PROJECTS BY ESTIMATED START DATE [01]

SEQUENCE	NAME	REGION-BASIN	COUNTRY	STATUS	YOUR ROLE
1	YR2000 TENSLEEP PROJ	ROCKIES-BIG HORN	UNITED STATES	NEW	OWNER
2	SOUTH PASS 68	GOM-GULF COAST SALT DOME	UNITED STATES	NEW	OWNER
3	DWT 700	GOM-RIO GRANDE EMBAYMENT	UNITED STATES	NEW	OWNER
4	NAME YOUR PROJECT	GOM-GULF COAST SALT DOME	UNITED STATES	NEW	OWNER
5	TEST	GOM-RIO GRANDE EMBAYMENT	UNITED STATES	NEW	OWNER
6	FRED			NEW	OWNER
7	JTK PROJECT	ROCKIES-DENVER-JULESBURG	UNITED STATES	NEW	OWNER
8	NAME YOUR PROJECT			NEW	OWNER
9	JOHN'S PROJECT	ROCKIES-BIG HORN	UNITED STATES	NEW	OWNER

CREATE ONSHORE PROJECT

CREATE OFFSHORE PROJECT

1304


1302

COPYRIGHT©1999, 2000 WELLBID, INC. ALL RIGHTS RESERVED.
PATENT PENDING

"WELLOGIX" AND THE WELLOGIX LOGO ARE PROPRIETARY SERVICE MARKS OF WELLOGIX, INC.

FIG.13

26/61


WELLOGIX

[BID REQUEST SUMMARY](#)
[ALL PROJECTS LIST](#)
[PROFILE](#)

[PROJECTS](#)
[NAME YOUR PROJECT](#)

[PROJECT REQUEST](#)
[WELLS](#)

[DETAILS](#)
[FIND A CONSULTANT](#)
[GIVE US FEEDBACK](#)
[LOGOUT](#)

[ALL PROJECTS LIST](#)>[NAME YOUR PROJECT](#)>[ONSHORE PROJECT DETAILS](#)


PLEASE UPDATE THE PROJECT DETAILS AND CLICK THE SAVE BUTTON

PROJECT NAME:	<input type="text" value="JOHN'S PROJECT"/>
DESCRIPTION:	<input type="text" value="DEMO OF SOFTWARE"/>
COUNTRY:	<input type="text" value="UNITED STATES"/>
REGION AND BASIN:	<input type="text" value="ROCKIES-BIG HORN"/>
ESTIMATED START DATE:	<input type="text" value="9/20/00"/>
UNITS OF MEASURE:	<input type="text" value="ENGLISH"/>
NUMBER OF RIGS:	<input type="text" value="1"/>

1400

FIG.14A

27/61

 **WELLOGIX**

[BID REQUEST SUMMARY](#)
[ALL PROJECTS LIST](#)
[PROFILE](#)

[PROJECTS](#)
[JOHN'S PROJECT](#)
[PROJECT REQUEST](#)
[WELLS](#)

[DETAILS](#)
[FIND A CONSULTANT](#)
[GIVE US FEEDBACK](#)
[LOGOUT](#)

[ALL PROJECTS LIST](#) > [JOHN'S PROJECT](#) - [ONSHORE PROJECT DETAILS](#) 1400

PROJECT NAME:	JOHN'S PROJECT
PROJECT DESCRIPTION:	DEMO OF SOFTWARE
NUMBER OF DEVELOPMENT WELLS:	0
NUMBER OF EXPLORATORY WELLS:	0
NO. OF RIGS REQUIRED IN PROJECT:	1
NUMBER OF PROJECT REQUESTS:	0
COUNTRY:	UNITED STATES
REGION & BASIN:	ROCKIES-BIG HORN
ESTIMATED PROJECT START DATE:	24-SEP-00
UNITS OF MEASURE:	ENGLISH

1404 1406 1408 1410

COPYRIGHT©1999, 2000 WELLBID, INC. ALL RIGHTS RESERVED.
PATENT PENDING
"WELLOGIX" AND THE WELLOGIX LOGO ARE PROPRIETARY SERVICE MARKS OF WELLOGIX, INC.

FIG.14B

28/61



WELLOGIX

BID REQUEST SUMMARYALL PROJECTS LISTPROFILE

PROJECTSJOHN'S PROJECT GOPROJECT REQUESTWELLS

FIND A CONSULTANTGIVE US FEEDBACKLOGOUT

WELL NAME	NEW WELL
WELL DESCRIPTION	
EST SPUD/START DATE	
WELL API NUMBER	
WELL TYPE	EXISTING <input type="button" value="GO"/>
REGION/BASIN	
STATE/PROVINCE	
COUNTRY	
FIELD NAME	

1412

BLOCK	
SURVEY	
ABSTRACT	

1413

	FT	FT	SEC	TOWNSHIP	RANGE	ELEVATION, FT
SURFACE HOLE LOCATION	<input type="text"/> FNL <input type="button" value="GO"/>	<input type="text"/> FEL <input type="button" value="GO"/>	<input type="text"/>	<input type="text"/> N <input type="button" value="GO"/>	<input type="text"/> E <input type="button" value="GO"/>	<input type="text"/>

WELL LOCATION, MILES	<input type="text"/> N <input type="button" value="GO"/>
OF (NEAREST TOWN/CITY)	<input type="text"/>

SAVE	CANCEL	DELETE	RESET
------	--------	--------	-------

FIG.14C

29/61



WELLOGIX

[BID REQUEST SUMMARY](#)[ALL PROJECTS LIST](#)[PROFILE](#)

[PROJECTS](#)

[PROJECT REQUEST](#)[WELLS](#)

[DETAILS](#)[HOLE SECTIONS](#)

[FIND A CONSULTANT](#)[GIVE US FEEDBACK](#)[LOGOUT](#)

1416

ALL PROJECTS LIST>JOHN'S PROJECT>NEW WELL2-WELL SUMMARY

1414

PROJECT NAME	JOHN'S PROJECT
WELL NAME	NEW WELL2
WELL DESCRIPTION	TEST
EST SPUD/START DATE	
WELL API NUMBER	
WELL TYPE	EXISTING
REGION/BASIN	ROCKIES-DENVER-JULESBURG
COUNTY	
STATE/PROVINCE	COLORADO
FIELD	
BLOCK	
SURVEY	
ABSTRACT	
SURFACE HOLE LOCATION	
WELL LOCATION IS (MILES)	12N
OF (NEAREST TOWN/CITY)	DENVER

1420

EDIT/UPDATE WELL DETAIL	VIEW BID REQUESTS
WELL DESCRIPTION/HISTORY	

COPYRIGHT © 1999, 2000 WELLBID, INC. ALL RIGHTS RESERVED.

PATENT PENDING

"WELLOGIX" AND THE WELLOGIX LOGO ARE PROPRIETARY SERVICE MARKS OF WELLOGIX, INC.

FIG.14D

30/61



WELLOGIX

[BID REQUEST SUMMARY](#)[ALL PROJECTS LIST](#)[PROFILE](#) [PROJECTS](#) [PROJECT REQUEST](#)[WELLS](#) [DETAILS](#)[HOLE SECTIONS](#) [FIND A CONSULTANT](#)[GIVE US FEEDBACK](#)[LOGOUT](#)

HOLE SECTION DETAILS

PLEASE UPDATE THE HOLE SECTION DETAILS AND CLICK THE SAVE BUTTON.

NAME: DESCRIPTION: HOLE DIAMETER, IN.: CASING DIAMETER, IN.: TOP MD, FT.: BOTTOM MD, FT.: TOP TVD, FT.: BOTTOM TVD, FT.:

COPYRIGHT©1999, 2000 WELLBID, INC. ALL RIGHTS RESERVED.

PATENT PENDING

"WELLOGIX" AND THE WELLOGIX LOGO ARE PROPRIETARY SERVICE MARKS OF WELLOGIX, INC.

FIG.14E

31/61

1422

WELLOGIX

[BID REQUEST SUMMARY](#)
[ALL PROJECTS LIST](#)
[PROFILE](#)

[PROJECTS](#)

[PROJECT REQUEST](#)
[WELLS](#)

[DETAILS](#)
[HOLE SECTIONS](#)

[FIND A CONSULTANT](#)
[GIVE US FEEDBACK](#)
[LOGOUT](#)

ALL PROJECTS LIST > JOHN'S PROJECT > NEW WELL2 > WELL SUMMARY

WELL TYPE	<input type="text" value="EXISTING"/>	<input type="text" value="INVENTORY"/>	<input type="text" value="GAS"/>	<input type="text" value="BUILD & HOLD"/>	CURRENT WELL SPACING?	<input type="text" value="360 ACRES"/>
-----------	---------------------------------------	--	----------------------------------	---	-----------------------	--

WELL STATUS

CURRENT PRODUCTION/INJECTION DATA

DATE OF LAST PRODUCTION	OIL RATE, BOPD	GAS RATE, MCFD	WATER RATE, BWPD	OIL API GRAVITY	GAS, SG
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

INITIAL PRODUCTION/INJECTION DATA

DATE OF INITIAL PROD/INJ.	OIL RATE, BOPD	GAS RATE, MCFD	WATER RATE, BWPD	OIL API GRAVITY	GAS, SG
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

WELLBORE MECHANICS

CASING/TUBING SIZE OD, IN	WEIGHT LB/FT	GRADE	THREADS	TOP MD, FT	BOTTOM MD, FT	TOP TVD, FT	BOTTOM TVD, FT
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

ADD A LINE (IF NEEDED)

PACKER(S) IN WELL? NO. OF PACKERS

PACKER TYPE	PACKER DEPTH MD, FT	PACKER DEPTH TVD, FT
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>


PERFORATION INTERVALS IN WELL

TOP MD, FT	BOTTOM MD, FT	TOP TVD, FT	BOTTOM TVD, FT	SPF	DATE PERFORATED	REF LOG	REF LOG DA
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

FIG.14F

32/61

1424


WELLOGIX
[BID REQUEST SUMMARY](#)
[ALL PROJECTS LIST](#)
[PROFILE](#)

[PROJECTS](#)
[YR2000 TENSLEEP PROJ](#)
[PROJECT REQUEST](#)
[WELLS](#)

[DETAILS](#)
[HOLE SECTIONS](#)

[FIND A CONSULTANT](#)
[GIVE US FEEDBACK](#)
[LOGOUT](#)

[ALL PROJECTS LIST](#) > [YR2000 TENSLEEP PROJ](#) > [DS5-15](#) > [ONSHORE GEOLOGICAL PROGNOSIS](#)

WELL NAME	DS5-15		
REGION/BASIN	ROCKIES-BIG HORN		
STATE/PROVINCE	WYOMING		
COUNTY	GILLETTE		
FIELD NAME	HAMILTON DOME		

REFERENCE DATUM (RD)	RKB <input type="button" value="v"/>		
RD ABOVE GL OR MUDLINE, FT	54 <input type="button" value="v"/>		
GROUND LEVEL (GL), FT	35 <input type="button" value="v"/>	SS	-54 <input type="button" value="v"/> TVD
MUDLINE, FT	<input type="button" value="v"/>	SS	<input type="button" value="v"/> TVD

BLOCK	<input type="text"/>		
SURVEY	<input type="text"/>		
ABSTRACT	<input type="text"/>		

	FT		FT	SEC	TOWNSHIP	RANGE	@SS, FT	@TVD, FT
SURFACE HOLE LOCATION	3855 <input type="button" value="v"/> FSL <input type="button" value="v"/>	107 <input type="button" value="v"/> FEL <input type="button" value="v"/>	8	9	N	20	35 <input type="button" value="v"/>	-54 <input type="button" value="v"/>
GEOLOGICAL TARGET	187 <input type="button" value="v"/> FNL <input type="button" value="v"/>	1067 <input type="button" value="v"/> FEL <input type="button" value="v"/>	5	9	N	20	-9770 <input type="button" value="v"/>	<input type="button" value="v"/>
BEGINNING OF HORIZONTAL SEC	<input type="button" value="v"/> FNL <input type="button" value="v"/>	<input type="button" value="v"/> FEL <input type="button" value="v"/>	<input type="button" value="v"/>	<input type="button" value="v"/>	N	<input type="button" value="v"/>	<input type="button" value="v"/>	<input type="button" value="v"/>
END OF HORIZONTAL SEC	<input type="button" value="v"/> FNL <input type="button" value="v"/>	<input type="button" value="v"/> FEL <input type="button" value="v"/>	<input type="button" value="v"/>	<input type="button" value="v"/>	N	<input type="button" value="v"/>	<input type="button" value="v"/>	<input type="button" value="v"/>
BOTTOM HOLE LOCATION	0 <input type="button" value="v"/> FNL <input type="button" value="v"/>	1284 <input type="button" value="v"/> FEL <input type="button" value="v"/>	5	9	N	20	-10645 <input type="button" value="v"/>	<input type="button" value="v"/>

FIG.14G

33/61

1500


 WELLOGIX PROFILE <input type="text"/> <input type="button" value="GO"/> SERVICES PROVIDED SEARCH REQUESTS REQUEST INBOX FIND A CONSULTANT GIVE US FEEDBACK LOGOUT	(REQUEST #4328) PRIMARY CEMENTING	
	REQUEST TYPE: CURRENT CONTRACT PRICING	
	REPLY BY:	
	REQUESTED BY: ROBERT T DE JONG	OFFICE PHONE: (303) 3003520-250
	TITLE:	FAX: UNKNOWN
	COMPANY NAME: COMPANY #1	E-MAIL: DEJONG@WELLBID.COM
	MAILING ADDRESS: 4155 E JEWELL AV SUITE 300 DENVER CO 80222	REGION & BASIN:
		CANADA-ALBERTA CANADA-BRITISH COLUMBIA CANADA-EASTERN CANADIAN OFFSHORE CANADA-FAR NORTH CANADA-SASKATCHEWAN GOM-APALACHICOLA GOM-GULF COAST SALT DOME GOM-RIO GRANDE EMBAYMENT GULF STATES-BLACK WARRIOR GULF STATES-CENTRAL TEXAS GULF STATES-EAST TEXAS GULF STATES-NORTH LOUISIANA GULF STATES-PERMIAN GULF STATES-SOUTH LOUISIANA GULF STATES-SOUTH TEXAS MID-CON-ANADARKO MID-CON-ARDMORE MID-CON-ARKOME MID-CON-DELHART MID-CON-HUGOTON MID-CON-KANSASNEBRASKA NORTHEASTERN-APPALACHIA NORTHEASTERN-ILLINOIS NORTHEASTERN-MICHIGAN PACIFIC-COOK INLET PACIFIC-SACRAMENTO PACIFIC-NORTH SLOPE PACIFIC-SAN JOAQUIN ROCKIES-BIG HORN
PROJECT NAME: PL PROJECT REGION & BASIN: ROCKIES-GREEN RIVER COUNTRY: USA		
WELL NAME: FEDERAL STATE 5-10-1 WELL DESCRIPTION: DRILL AND COMPLETE A DAKOTA PRODUCER EST SPUD/START DATE: 01-NOV-2000 WELL API NUMBER: 51-23-23598-60 WELL TYPE: NEW REGION & BASIN: ROCKIES-BIG HORN COUNTRY: UNITED STATES STATE/PROVINCE: WYOMING COUNTY: EVANSTON, WYOMING FIELD: FEDERAL STATE FIELD BLCOK: SURVEY: ABSTRACT: SURFACE LOCATION: @3855' FNL, 107' FEL, SEC 8, T9, R20, 8500FT, UM WELL LOCATION IS: 56 MILES N OF (NEAREST/CITY): EVANSTON		
COMMENTS: IF YOU HAVE IDEAS ON HOW WE CAN DO AWAY WITH A 2 STAGE JOB, I WILL BE WILLING TO ENTERTAIN THEM		
CASING PROGRAM		

FIG.15A

34/61

COMMENTS IF YOU HAVE IDEAS ON HOW WE CAN DO AWAY WITH A 2 STAGE JOB, I WILL BE WILLING TO ENTERTAIN THEM										
CASING PROGRAM										
HOLE SECTION	HOLE DIAMETER, IN	CASING SIZE, IN	WEIGHT LB./FT	GRADE	THREADS	TOP MD, FT	BOTTOM MD, FT	LENGTH MD, FT	TOP TVD, FT	BOTTOM TVD, FT
CONDUCTOR	24	20	91.1	H-40	WELD	37	116	79	37	116
SURFACE	12.25	9.625	40	L-80	BTC	35	5219	5184	35	4554
INTERMEDIATE 1	8.5	7	29	USS-95	BTC-MOD	33	12183	12150	33	9854
PRODUCTION	6	4.5	12.6	L-80	BTC-MOD	12033	13294	1261	9744	10729
HOLE SECTION: CONDUCTOR										
HOLE DIAMETER, IN	TOP MD, FT	BOTTOM MD, FT	LENGTH MD, FT	TOP TVD, FT	BOTTOM TVD, FT	LENGTH TVD, FT	MUD TYPE	MAX MW, PPG		
24	37	116	79	37	116	79				
HOLE SECTION: SURFACE										
HOLE DIAMETER, IN	TOP MD, FT	BOTTOM MD, FT	LENGTH MD, FT	TOP TVD, FT	BOTTOM TVD, FT	LENGTH TVD, FT	MUD TYPE	MAX MW, PPG		
12.25	116	5219	5103	116	4554	4438	SPUD MUD	9.8		
GEOLOGICAL ISSUES WITHIN HOLE SECTION										
H2S IN HOLE SECTION		CONCENTRATION, PPM		MIN DEPTH OF H2S MD, FT						
<input type="checkbox"/>										
PENETRATE SALT IN HOLE SECTION		TOP OF SALT SECTION MD, FT		THICKNESS OF SALT SECTION MD, FT		SALT SECTION FLOWING				
<input type="checkbox"/>						<input type="checkbox"/>				
GAS MIGRATION PROBLEMS EXPECTED		TOP OF GAS ZONE MD, FT		PRESSURE @ DEPTH, PSI		DESIRED TECHNIQUE				
<input type="checkbox"/>										
MIN FRAC GRADIENT (1), PPG		DEPTH OF FRAC GRADIENT (1) MD, FT		MIN FRAC GRADIENT (2), PPG		DEPTH OF FRAC GRADIENT (2) MD, FT				
1ST STAGE										
NUMBER OF FLUSHES IN STAGE 1 1 NUMBER OF FLUSHES IN STAGE 1 1										
FLUSH/SPACERS		NAME		VOLUME, BBL		DENSITY, PPG				
PREFLUSH		FRESH WATER		300		8.3				
CEMENT SLURRY NO. 1		TAIL 1		TYPE		LIQUID				
TOP OF SLURRY MD, FT		BOTTOM OF SLURRY MD, FT		TOP OF SLURRY TVD, FT		BOTTOM OF SLURRY TVD, FT				
0		5219		0		4554				
OH EXCESS REQUIRED, %		CH EXCESS REQUIRED, %		MAX DENSITY, PPG		DESIRED FL, CC/38MINE		BHST, F		BHCT, F
25		0		124		50		110		
12-HR COMP STRENGTH, PSI		24-HR COMP STRENGTH, PSI		ULT STRENGTH, PSI		EST THICKENING TIME, HR		TRANSITION TIME, MIN		
1500		2500		2600		4				
PUMPING REQUIREMENTS FOR THIS STAGE										
MAX SLURRY MIXING RATE, BPM			MAX SLURRY PUMPING RATE, BPM			MAX SLURRY DISPLACEMENT RATE, BPM				
25			25			25				

FIG.15B

35/61

MISCELLANEOUS EQUIPMENT/SERVICE NEEDS FOR HOLE SECTION								
BATCH MIXER <input checked="" type="checkbox"/>		SIZE						
STANDBY PUMPING EQUIPMENT <input checked="" type="checkbox"/>		NO. OF UNITS						
COMPUTER MONITORING EQUIPMENT <input checked="" type="checkbox"/>								
ADDITIVES IN LIQUID FORM <input checked="" type="checkbox"/>								
SPECIAL PERSONNEL REQUIREMENTS NONE								
COMMENTS FOR THIS HOLE SECTION								
HOLE SECTION: INTERMEDIATE 1								
HOLE DIAMETER IN	TOP MD, FT	BOTTOM MD, FT	LENGTH MD, FT	TOP TVD, FT	BOTTOM TVD, FT	LENGTH TVD, FT	MUD TYPE	MAX MW, PPG
8.5	5219	12183	6964	4554	9854	5300	KCL POLYMER	10
HOLE SECTION: PRODUCTION								
HOLE DIAMETER IN	TOP MD, FT	BOTTOM MD, FT	LENGTH MD, FT	TOP TVD, FT	BOTTOM TVD, FT	LENGTH TVD, FT	MUD TYPE	MAX MW, PPG
6	12183	13294	1111	9854	10729	875	KCL POLYMER	12.4
CATEGORY ATTACHMENTS: FILE ATTACHMENTS: THERE ARE NO 200000105 TIME VS DEPTH ATTACHMENTS. CURVE.XIS(17.00KB)								
<input type="checkbox"/> INTERESTED <input type="checkbox"/> NOT INTERESTED <input type="checkbox"/> SUBMIT BID/PROPOSAL								
MISCELLANEOUS EQUIPMENT/SERVICE NEEDS FOR HOLE SECTION								
BATCH MIXER <input checked="" type="checkbox"/>		SIZE						
STANDBY PUMPING EQUIPMENT <input checked="" type="checkbox"/>		NO. OF UNITS						
COMPUTER MONITORING EQUIPMENT <input checked="" type="checkbox"/>								
ADDITIVES IN LIQUID FORM <input checked="" type="checkbox"/>								
SPECIAL PERSONNEL REQUIREMENTS NONE								
COMMENTS FOR THIS HOLE SECTION								
HOLE SECTION: INTERMEDIATE 1								
HOLE DIAMETER IN	TOP MD, FT	BOTTOM MD, FT	LENGTH MD, FT	TOP TVD, FT	BOTTOM TVD, FT	LENGTH TVD, FT	MUD TYPE	MAX MW, PPG
8.5	5219	12183	6964	4554	9854	5300	KCL POLYMER	10
HOLE SECTION: PRODUCTION								
HOLE DIAMETER IN	TOP MD, FT	BOTTOM MD, FT	LENGTH MD, FT	TOP TVD, FT	BOTTOM TVD, FT	LENGTH TVD, FT	MUD TYPE	MAX MW, PPG
6	12183	13294	1111	9854	10729	875	KCL POLYMER	12.4
CATEGORY ATTACHMENTS: FILE ATTACHMENTS: THERE ARE NO 200000105 TIME VS DEPTH ATTACHMENTS. CURVE.XIS(17.00KB)								
<input type="checkbox"/> INTERESTED <input type="checkbox"/> NOT INTERESTED <input type="checkbox"/> SUBMIT BID/PROPOSAL								

FIG.15C

36/61

HOLE SECTION:INTERMEDIATE 1								
HOLE DIAMETER IN	TOP MD,FT	BOTTOM MD,FT	LENGTH MD,FT	TOP TVD,FT	BOTTOM TVD,FT	LENGTH TVD,FT	MUD TYPE	MAX MW, PPG
8.5	5219	12183	6964	4554	9854	5300	KCL POLYMER	10

HOLE SECTION:PRODUCTION								
HOLE DIAMETER IN	TOP MD,FT	BOTTOM MD,FT	LENGTH MD,FT	TOP TVD,FT	BOTTOM TVD,FT	LENGTH TVD,FT	MUD TYPE	MAX MW, PPG
6	12183	13294	1111	9854	10729	875	KCL POLYMER	12.4

CATEGORY
 ATTACHMENTS: THERE ARE NO ATTACHMENTS.
 FILE ATTACHMENTS:
 200000105 TIME VS DEPTH
 CURVE.XIS(17.00KB)

1502 1508


1506 1504

COPYRIGHT©1999, 2000 WELLBID, INC. ALL RIGHTS RESERVED.
 PATENT PENDING
 "WELLOGIX" AND THE WELLOGIX LOGO ARE PROPRIETARY SERVICE MARKS OF WELLOGIX, INC.

FIG.15D

37/61

1510



WELLOGIX

PROFILE

[SERVICES PROVIDED](#)

[SEARCH REQUESTS](#)

[REQUEST INBOX](#)

[FIND A CONSULTANT](#)

[GIVE US FEEDBACK](#)

[LOGOUT](#)

(REQUEST #4328)-PRIMARY CEMENTING
BID PRICING

CURRENCY TYPE	US DOLLARS ▾	
MOBILIZATION	<input type="text" value="0"/>	
SETUP	<input type="text" value="0"/>	
THIRD PART COST, ETC.	<input type="text" value="0"/>	
SERVICES AS REQUESTED	<input type="text" value="0"/>	
TOTAL	<input type="text" value="0"/>	
OFFER GOOD UNTIL	<input type="text" value=""/>	(E.G. 01-JUL-2000)
TERMS	<input type="text" value=""/>	
REQUEST FOR	CURRENT CONTRACT PRICING	

COMMENTS


IN ORDER TO VIEW DETAILED BID PRICING, PLEASE SAVE THIS PAGE FIRST

COPYRIGHT © 1999, 2000 WELLBID, INC. ALL RIGHTS RESERVED.
PATENT PENDING

"WELLOGIX" AND THE WELLOGIX LOGO ARE PROPRIETARY SERVICE MARKS OF WELLOGIX, INC.

FIG. 15E

1510



WELLOGIX

PROFILE

[SERVICES PROVIDED](#)

[SEARCH REQUESTS](#)

[REQUEST INBOX](#)

[FIND A CONSULTANT](#)

[GIVE US FEEDBACK](#)

[LOGOUT](#)

(REQUEST #4328)-PRIMARY CEMENTING
BID PRICING

CURRENCY TYPE	US DOLLARS ▾	
MOBILIZATION	\$	<input type="text" value="5000"/>
SETUP	\$	<input type="text" value="2000"/>
THIRD PARTY COST, ETC.	\$	<input type="text" value="2000"/>
SERVICES AS REQUESTED	\$	<input type="text" value="35000"/>
TOTAL	\$	<input type="text" value="44000"/>
OFFER GOOD UNTIL	<input type="text" value="01-OCT-2000"/>	(E.G. 01-JUL-2000)
TERMS	<input type="text" value="30 DAYS NET"/>	
REQUEST FOR	CURRENT CONTRACT PRICING	

COMMENTS

NONE

[VIEW DETAILED BID PRICING](#)


ATTACHMENTS

ATTACH A FILE:

FIG. 15F

38/61

1516



WELLOGIX

PROFILE

[SERVICES PROVIDED](#)

[SEARCH REQUESTS](#)

[REQUEST INBOX](#)

[FIND A CONSULTANT](#)

[GIVE US FEEDBACK](#)

[LOGOUT](#)

PRIMARY CEMENTING-COMMERCIAL RESPONSE								
HOLE SECTION: SURFACE								
HOLE DIAMETER IN	TOP MD, FT	BOTTOM MD, FT	LENGTH MD, FT	TOP TVD, FT	BOTTOM TVD, FT	LENGTH TVD, FT	MUD TYPE	MAX MW, PPG
12.25	116	5219	5103	116	4554	4438	SPUD MUD	9.8

RELEVANT CASING PROGRAM										
HOLE SECTION	HOLE DIAMETER IN	CASING SIZE IN	WEIGHT LB/M FT	GRADE	THREADS	TOP MD, FT	BOTTOM MD, FT	LENGTH MD, FT	TOP TVD, FT	BOTTOM TVD, FT
CONDUCTOR	24	20	91.1	H-40	WELD	37	116	79	37	116
SURFACE	12.25	9.625	40	L-80	BTC	35	5219	5184	35	4554

GEOLOGICAL ISSUES WITHIN HOLE SECTION			
H2S IN HOLE SECTION	CONCENTRATION, PPM	MIN DEPTH OF H2S MD, FT	
<input type="checkbox"/>			
PENETRATE SALT IN HOLE SECTION	TOP OF SALT SECTION MD, FT	THICKNESS OF SALT SECTION MD, FT	SALT SECTION FLOWING
<input type="checkbox"/>			<input type="checkbox"/>
GAS MIGRATION PROBLEMS EXPECTED	TOP OF GAS ZONE MD, FT	PRESSURE@DEPTH, PSI	DESIRED TECHNIQUE
<input type="checkbox"/>			
MIN FRAC GRADIENT(1), PPG	DEPTH OF FRAC GRADIENT(1) MD, FT	MIN FRAC GRADIENT (2), PPG	DEPTH OF FRAC GRADIENT (2) MD, FT

1ST STAGE

FLUSH/SPACERS	NAME	VOLUME, BBL	DENSITY, PPG
PREFLUSH	FRESH WATER	300	8.3

FLUSH COMMENTS

CEMENT SLURRY NO.1	TAIL 1	TYPE	LIQUID
RECIPE DESCRIPTION			
TOP OF SLURRY MD, FT	BOTTOM OF SLURRY MD, FT	VOLUME, BBL	
0	5219		
MAX DENSITY, PPG	DESIRED FL, CC/38MINS	TRANSITION TIME, MIN	
12.4	50		
EST THICKENING TIME, HR	BHST, F	BHCT, F	
4	110		

STAGE 1 COMMENTS

FIG.15G

39/61

TOTAL FLUSH/SPACER COST,\$	
TOTAL FLUSH/SPACER VOLUME,BBL	300
TOTAL FLUSH/SPACER UNIT COST,\$/BBL	
TOTAL SLURRIES COST,\$	
TOTAL SLURRIES VOLUME,BBL	0
TOTAL SLURRIES UNIT COST,\$/BBL	
PUMPING & MIXING EQUIPMENT COST,\$	
TECH SUPPORT COST,\$	
TECH MONITORING COST,\$	
TRANSPORTATION COST,\$	
HANDLING COST,\$	
OTHER,\$	
ESTIMATED JOB HOURS	
STAND BY HOURLY RATE,\$/HR	
PUMPING & MIXING EQUIPMENT COST,\$	
TECH SUPPORT COST,\$	
TECH MONITORING COST,\$	
TRANSPORTATION COST,\$	
HANDLING COST,\$	
OTHER,\$	
ESTIMATED JOB HOURS	
STAND BY HOURLY RATE,\$/HR	
TOTAL HOLE SECTION COST,\$	
TOTAL VOLUME (SLURRIES ONLY),BBL	0
TOTAL HOLE SECTION UNIT COST,\$/BBL	

COPYRIGHT©1999, 2000 WELLBID, INC. ALL RIGHTS RESERVED.
 PATENT PENDING
 "WELLOGIX" AND THE WELLOGIX LOGO ARE PROPRIETARY SERVICE MARKS OF WELLOGIX, INC.

FIG.15H

40/61

1600

WELLOGIX

BID REQUEST SUMMARY
ALL PROJECTS LIST
PROFILE

PROJECTS
PL PROJECT
PROJECT REQUEST
WELLS
FEDERAL STATE 5-10-1
DETAILS
HOLE SECTIONS

FIND A CONSULTANT
GIVE US FEEDBACK
LOGOUT

REQUEST MANAGER

STATUS	SUBMITTED
BID REQUEST	PRIMARY CEMENTING
REQUEST FOR	CURRENT CONTRACT PRICING
DUE DATE	
COMMENTS	IF YOU HAVE IDEAS ON HOW WE CAN DO AWAY WITH A 2 STAGE JOB, I WILL BE WILLING TO ENTERTAIN THEM.
FILE ATTACHMENTS	20000105 TIME VS DEPTH CURVE.XIS(17.00KB)

EDIT COVER INFO

LIST OF DETAILS:

DETAIL NO	PRIMARY CEMENTING	
SURFACE	FINAL	...

VIEW PACKAGE

REQUEST STATUS:

VENDOR	INTERESTED	FEEDBACK	RESPONSE	EFIELD-TICKETS
ROBERT DE JONG(VENDOR)	PRICING SUBMITTED	NO	21-SEP-2000 13:19	

SUBMIT TO PREFERRED VENDOR **SELECT VENDOR AND SUBMIT** **CLOSE BIDDING**

GO TO GENERATED BID REQUESTS

FIG.16A

WELLOGIX

BID REQUEST SUMMARY
ALL PROJECTS LIST
PROFILE

PROJECTS
PL PROJECT
PROJECT REQUEST
WELLS
FEDERAL STATE 5-10-1
DETAILS
HOLE SECTIONS

FIND A CONSULTANT
GIVE US FEEDBACK
LOGOUT

**(REQUEST #4328)-PRIMARY CEMENTING
FROM ROBERT DE JONG(VENDER)
BID PRICING**

CURRENCY TYPE	US DOLLARS
MOBILIZATION,\$	5000
SETUP,\$	2000
THIRD PARTY COST,ETC,\$	2000
SERVICES AS REQUESTED,\$	35000
TOTAL,\$	44000
OFFER GOOD UNTIL	01-OCT-2000
TERMS	30 DAYS NET
REQUEST FOR	CURRENT CONTRACT PRICING

COMMENTS
NONE

VIEW DETAILED BID PRICING

BACK **AWARD** **1602**

ATTACHMENTS
NO FILES ATTACHED

**COPYRIGHT©1999, 2000 WELLBID, INC. ALL RIGHTS RESERVED.
PATENT PENDING
"WELLOGIX" AND THE WELLOGIX LOGO ARE PROPRIETARY SERVICE MARKS OF WELLOGIX, INC.**

FIG.16B

41/61

1620


Stimulation > Detailed Feedback			
		Application Home	Logout
Required Stimulation Program	Original	Feedback	Link to Product Info?
	Acid Job	<div>Hydraulic Fracturing</div>	http://www.oilprod.com
No. of Stages Required	2	<div>1</div>	1622
Purpose of Stimulation Well/ Comments?	<p>Well is completed to produce from the "B" sands. The "B" reservoir is a tight rock formation. As a result, the well needs to be stimulated.</p> <p>Successful stimulation jobs for this area have typically included the following operations:</p> <p>Acid/Perf Breakdown/Flowback</p> <p>Hydraulic Fracturing</p>	<div></div>	
Comments	<p>This well was recently drilled and completed; the well is already perfed, but needs an acid/perf breakdown job followed by two stage frac job.</p>	<div></div>	

FIG. 16C

1630

New Cementing Services	Company Name Project no: 521 Well: Wilkerson #1		Pricing Detail Comparison - Primary Cementing Rev. no: DynaMap Rev.: Field: Wildcat County: Denver				1632b Latest Cementing Technology 1632c	
	Multiple Responses --> 1632a		Display New Selections		Primary	Primary	Primary	Primary
			Provider 1	Provider 2	Provider 3			
			Other Info/Technology Provider 1 ??? Provider 2 1636 ??? 1634 Provider 3 Safety Performance Reliability					
WEB M Project Master AFE Data	Hole Selection		Conductor Surface Intermediate Production Casing	2,937.85 8,867.02 8,232.88 9,810.43	1,372.98 6,830.30 7,525.11 8,608.31	2,074.09 11,396.37 10,061.51 9,199.77		
Well Bore Data	Total			29,908.18	24,334.71	32,731.74		
Service Categories	Hole Section		Pricing Categories					
	Production Casing	PC Pumping	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Production Casing	Standby Pump	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Production Casing	Batch Mix Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Production Casing	Stage Charge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Production Casing	Mileage Charged	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Production Casing	Trans/Travel Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Production Casing	Trans/Travel Material	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Comments->			Addl. Info.		Addl. Info.		Addl. Info. Notes->	
Export			Print		Prev Page			

FIG. 16D

43/61

1640

Stimulation > Detailed Feedback		WELLOGIX	
		Logout	
		1642b	
		1642a	
<u>Original</u>		Feedback	Feedback 1 [v] [d] [d] [d]
<u>Required Stimulation Program</u>	Acid Job	Hydraulic Fracturing	Acid/Perf Breakdown
<u>No. of Stages Required</u>	2	1644a	1644b
<u>Purpose of Stimulation Well/Comments?</u>	Well is completed to produce from the "B" sands. The "B" reservoir is a tight rock formation. As a result, the well needs to be stimulated. Successful stimulation jobs for this area have typically included the following operations: Acid/Perf Breakdown/Flowback		

FIG. 16E

44/61

1640 Cont.

	following is what has worked best in the past	1646a		1646b
Desired Fluid Type?	HCL	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="text" value="HCL"/>
Desired Concentration?	7	<input type="text"/>	<input checked="" type="checkbox"/>	<input type="text" value="8"/>
Surfactant Required	No	<input type="text" value="No"/>	<input checked="" type="checkbox"/>	<input type="text" value="No"/>
Non- Stimulator Required?	No	<input type="text" value="No"/>	<input checked="" type="checkbox"/>	<input type="text" value="No"/>
Iron Control Required	Yes	<input type="text" value="No"/>	<input checked="" type="checkbox"/>	<input type="text" value="Yes"/>
Inhibition Duration, Hr	2	<input type="text" value="3"/>	<input checked="" type="checkbox"/>	<input type="text" value="2"/>
Inhibition Temperature, Deg f	180	<input type="text" value="185"/>	<input checked="" type="checkbox"/>	<input type="text" value="175"/>
Diameter of Balls, in	.25	<input type="text" value="3"/>	<input checked="" type="checkbox"/>	<input type="text" value=".25"/>
Density of Balls, SG	1.2	<input type="text" value="1.1"/>	<input checked="" type="checkbox"/>	<input type="text" value="1.2"/>
Number of Balls Required	250	<input type="text" value="270"/>	<input checked="" type="checkbox"/>	<input type="text" value="250"/>
Ball Type	Rubber	<input type="text" value="Rubber"/>	<input checked="" type="checkbox"/>	<input type="text" value="Rubber"/>
Selective Injection	Yes	<input type="text" value="No"/>	<input checked="" type="checkbox"/>	<input type="text" value="No"/>

FIG. 16F

45/61

1650

Request Package Manager		WELLOGIX																															
Edit Cover Info Preview Request Package Application Home MyWelllogix Evaluator Generated Request Packages Logout																																	
Cover Info: <table border="1"> <tr> <td>Status</td> <td>MODIFIED</td> </tr> <tr> <td>Service Line</td> <td>Stimulation</td> </tr> <tr> <td>Request List</td> <td>Proposal</td> </tr> <tr> <td>Due Date</td> <td>14-AUG-2000</td> </tr> <tr> <td>Comments</td> <td></td> </tr> <tr> <td>File Attachments</td> <td>No File Attached</td> </tr> </table>		Status	MODIFIED	Service Line	Stimulation	Request List	Proposal	Due Date	14-AUG-2000	Comments		File Attachments	No File Attached	Attachment selections: <table border="1"> <tr> <td>Casing Summary</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>Tubing Summary</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Wellhead Summary</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td colspan="2">Save Selections</td> </tr> </table>		Casing Summary	<input checked="" type="checkbox"/>	Tubing Summary	<input type="checkbox"/>	Wellhead Summary	<input checked="" type="checkbox"/>	Save Selections											
Status	MODIFIED																																
Service Line	Stimulation																																
Request List	Proposal																																
Due Date	14-AUG-2000																																
Comments																																	
File Attachments	No File Attached																																
Casing Summary	<input checked="" type="checkbox"/>																																
Tubing Summary	<input type="checkbox"/>																																
Wellhead Summary	<input checked="" type="checkbox"/>																																
Save Selections																																	
Service Requests: <table border="1"> <tr> <td>Detail No.</td> <td>Stimulation</td> </tr> <tr> <td>259</td> <td>Final</td> </tr> <tr> <td colspan="2">This well was recently drilled and completed, the well is already perfed, but needs an acid/perf breakdown job followed by a two stage frac job. This well has not been completed with tubing.</td> </tr> </table>				Detail No.	Stimulation	259	Final	This well was recently drilled and completed, the well is already perfed, but needs an acid/perf breakdown job followed by a two stage frac job. This well has not been completed with tubing.																									
Detail No.	Stimulation																																
259	Final																																
This well was recently drilled and completed, the well is already perfed, but needs an acid/perf breakdown job followed by a two stage frac job. This well has not been completed with tubing.																																	
Request Status: <table border="1"> <tr> <td>Service Provider</td> <td>Interested</td> <td>Feedback</td> <td>Response</td> <td>eField Tickets</td> <td>Reconciliator</td> </tr> <tr> <td>Christian Carrol (Welllogix Service Provider - Prod)</td> <td>Job Awarded</td> <td>Yes</td> <td>02-JAN-2001 08:39</td> <td>View</td> <td>View</td> </tr> <tr> <td>Christian Carrol (Welllogix Service Provider - Prod)</td> <td>Job Awarded</td> <td>Alternate</td> <td>02-JAN-2001 08:39</td> <td>View</td> <td>View</td> </tr> <tr> <td>John Doe (Welllogix Service Provider - Prod)</td> <td>Job Awarded</td> <td>Yes</td> <td>02-JAN-2001 08:39</td> <td>View</td> <td>View</td> </tr> <tr> <td>James Smith (Welllogix Service Provider - Prod)</td> <td>Job Awarded</td> <td>Yes</td> <td>02-JAN-2001 08:39</td> <td>View</td> <td>View</td> </tr> </table>				Service Provider	Interested	Feedback	Response	eField Tickets	Reconciliator	Christian Carrol (Welllogix Service Provider - Prod)	Job Awarded	Yes	02-JAN-2001 08:39	View	View	Christian Carrol (Welllogix Service Provider - Prod)	Job Awarded	Alternate	02-JAN-2001 08:39	View	View	John Doe (Welllogix Service Provider - Prod)	Job Awarded	Yes	02-JAN-2001 08:39	View	View	James Smith (Welllogix Service Provider - Prod)	Job Awarded	Yes	02-JAN-2001 08:39	View	View
Service Provider	Interested	Feedback	Response	eField Tickets	Reconciliator																												
Christian Carrol (Welllogix Service Provider - Prod)	Job Awarded	Yes	02-JAN-2001 08:39	View	View																												
Christian Carrol (Welllogix Service Provider - Prod)	Job Awarded	Alternate	02-JAN-2001 08:39	View	View																												
John Doe (Welllogix Service Provider - Prod)	Job Awarded	Yes	02-JAN-2001 08:39	View	View																												
James Smith (Welllogix Service Provider - Prod)	Job Awarded	Yes	02-JAN-2001 08:39	View	View																												

1654

FIG. 16G

FIG. 16H

47/61

1660

Stimulation Request > **Bid Comparator**

1662a Application Home 1662b Logout

Service Request	Wellogix Service Provider	Wellogix Service Provider
4236 <input type="checkbox"/> <input checked="" type="checkbox"/>	\$155410.56	\$159780
Delivery Charges <input type="checkbox"/> <input checked="" type="checkbox"/>	\$9000	\$7200
Setup Charges <input type="checkbox"/> <input checked="" type="checkbox"/>	\$0	\$1600
Service Charges <input type="checkbox"/> <input checked="" type="checkbox"/>	\$16000	\$22500
Product Charges <input type="checkbox"/> <input checked="" type="checkbox"/>	\$78470.56	\$93480
Equipment Charges <input type="checkbox"/> <input checked="" type="checkbox"/>	42360	\$45200
	Scenario Planning	Scenario Planning
Item # Desc.	Qty. Measure Unit Price Back Price Disc. % Amnt	Qty. Measure Unit Price Back Price Disc. % Amnt
05 Pumping charges	2000 EACH 15 30000 20 24000	2000 EACH 15 30000 20 24000
06 Blending charges	15 EACH 1500 22500 20 18000	15 EACH 1500 22500 20 18000
Item SC-8 Additional Equipment	4 DAY 100 400 0 360	4 DAY 100 400 20 3200
	Comments	Comments
Third Party Charges <input type="checkbox"/> <input checked="" type="checkbox"/>	\$0	\$0
Taxes And Fees <input type="checkbox"/> <input checked="" type="checkbox"/>	\$9940	\$10000
4271 <input type="checkbox"/> <input checked="" type="checkbox"/>	\$0	\$0
4278 <input type="checkbox"/> <input checked="" type="checkbox"/>	\$0	\$0
Pricing <input type="checkbox"/> <input checked="" type="checkbox"/>	155410.56	159720
View Details	Details	Details

1664

1664

FIG. 16I

FIG. 16J

FIG. 16J

49/61

1660

Stimulation Request > Bid Comparator		WELLOGIX Logout																
Application Home																		
<u>Service Request</u>	<u>Wellogix Service Provider</u>	<u>Wellogix Service Provider</u>																
4236 <input type="checkbox"/>	\$155410.56	\$159780																
<u>Delivery Charges</u> <input type="checkbox"/>	\$9000	\$7200																
<u>Setup Charges</u> <input type="checkbox"/>	\$0	\$1600																
<u>Service Charges</u> <input checked="" type="checkbox"/>	Storyboards (Storyboards/Index .html*) <input type="checkbox"/>																	
<u>Product Charges</u>																		
<u>Equipment Charges</u>																		
<p>Which variable would you like to base your plan on? (Choose one)</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div> <input checked="" type="radio"/> Quantity <input type="radio"/> Unit Price <input type="radio"/> Discount </div> <div style="text-align: center;"> Change to <input type="text" value="10"/> 1670 </div> <div> <input type="button" value="Submit"/> </div> </div>																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Unit Price</th> <th>Back Price</th> <th>Disc. %</th> <th>Amnt</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>30000</td> <td>20</td> <td>24000</td> </tr> <tr> <td>500</td> <td>22500</td> <td>20</td> <td>18000</td> </tr> <tr> <td>100</td> <td>4000</td> <td>20</td> <td>3200</td> </tr> </tbody> </table>			Unit Price	Back Price	Disc. %	Amnt	5	30000	20	24000	500	22500	20	18000	100	4000	20	3200
Unit Price	Back Price	Disc. %	Amnt															
5	30000	20	24000															
500	22500	20	18000															
100	4000	20	3200															
<u>Item #</u>	<u>Desc.</u>																	
05	Pumping charg																	
06	Blending charg																	
Item SC-8 Additional Equi																		
<u>Third Party Charges</u>																		
<u>Taxes And Fees</u>																		
4271 <input type="checkbox"/>	\$0	\$0																
4278 <input type="checkbox"/>	\$0	\$0																
<u>Pricing</u> <input type="checkbox"/>	155410.56	159720																
<u>View Details</u>	<u>Details</u>	<u>Details</u>																

FIG. 16K

50/61

1660

Stimulation Request > Bid Comparator		Application Home		WELLOGIX Logout			
Service Request		Wellogix Service Provider		Wellogix Service Provider			
4236 <input type="checkbox"/> <input checked="" type="checkbox"/>		\$155410.56		\$159780			
Delivery Charges <input type="checkbox"/> <input checked="" type="checkbox"/>		\$9000		\$7200			
Setup Charges <input type="checkbox"/> <input checked="" type="checkbox"/>		\$0		\$1600			
Service Charges <input type="checkbox"/> <input checked="" type="checkbox"/>		\$16000		\$22500			
Product Charges <input type="checkbox"/> <input checked="" type="checkbox"/>		\$78470.56		\$93480			
Equipment Charges <input type="checkbox"/> <input checked="" type="checkbox"/>		42360 Scenario Planning		45200 Scenario Planning			
Item #	Desc.	Qty.	Units of Measure	Unit Price	Back Price	Disc. %	Amnt
05	Pumping charges	2000	EACH	15	30000	20	24000
06	Blending charges	15	EACH	1500	22500	20	18000
Item SC-8	Additional Equipment	4	DAY	100	400	0	360
		Comments		1672a			
Third Party Charges <input type="checkbox"/> <input checked="" type="checkbox"/>		\$0		\$0			
Taxes And Fees <input type="checkbox"/> <input checked="" type="checkbox"/>		\$9940		\$10000			
4271 <input type="checkbox"/> <input checked="" type="checkbox"/>		\$0		\$0			
4278 <input type="checkbox"/> <input checked="" type="checkbox"/>		\$0		\$0			
Pricing <input type="checkbox"/> <input checked="" type="checkbox"/>		155410.56		159720			
View Details		Details		Details			
				Comments			
				1672b			

FIG. 16L

51/61



WELLOGIX

ALL PROJECTS LIST>YR2000 TENSLEEP PROJ>ALL WELLS BY SPUD/START DATE-
CALENDAR

PROJECT NAME:YR2000 TENSLEEP PROJ

VIEW THIS PROJECT-LEVEL BID REQUESTS CALENDAR [01]

AUGUST 2000

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		01 >DS5-15 >DS5-1	02	03	04	05
06	07	08	09	10	11	12
13	14	15 >ST 384 #1-1	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

SEPTEMBER 2000

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					01 >DS5-16	02
03	04	05	06	07	08	09
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

OCTOBER 2000

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
01 >DS5-17 >DS5-17-1	02	03	04	05	06	07
08	09	10	11	12	13	14
15	16	17	18	19	20	21

FIG.17A

52/61



WELLOGIX

[ALL PROJECTS LIST](#) > [YR2000 TENSLEEP PROJ](#) > [ALL BID REQUESTS BY DUE DATE-
CALENDAR](#)

[BID REQUEST SUMMARY](#)[ALL PROJECTS LIST](#)[PROFILE](#)

[PROJECTS](#)

[PROJECT REQUEST](#)[WELLS](#)

[FIND A CONSULTANT](#)[GIVE US FEEDBACK](#)[LOGOUT](#)

PROJECT NAME: YR2000 TENSLEEP PROJ

VIEW PROJECT'S WELLS BY SPUD/START DATE

JULY 2000

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						01
02	03	04	05	06	07	08
09	10	11	12	13	14	15
						>CASING(1 SUBMITTED,1 RESPONDED)
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

COPYRIGHT © 1999, 2000 WELLBID, INC. ALL RIGHTS RESERVED.
PATENT PENDING

"WELLOGIX" AND THE WELLOGIX LOGO ARE PROPRIETARY SERVICE MARKS OF WELLOGIX, INC.

FIG.17B

1800 ↘

FIG. 18

54/61

(Request #4136) Primary Cementing

Request Type:	Bid
Reply By:	01-SEP-00

1900

Request By:	Robert T. da Jong	Office Phone:	(303) 3003520-250
Title:		Fax:	unknown
Company Name:	company #1	E-Mail:	dejong@wellbid.com
Mailing Address:	4155 E. Jewell Av Suite 300 Denver CO 80222	Region & Basin:	Canada - Alberta Canada - British Columbia Canada - Eastern Canadian Offshore Canada - Far North Canada - Saskatchewan GOM - Apalachicola GOM - Gulf Coast Salt Dome GOM - Rio Grande Embayment Gulf States - Black Warrior Gulf States - Central Texas Gulf States - East Texas Gulf States - North Louisiana Gulf States - Permian Gulf States - South Louisiana Gulf States - South Texas Mid-Con - Anadarko Mid-Con - Ardmore Mid-Con - Dalhart Mid-Con - Hugoton Mid-Con - Kansas/Nebraska Northeastern - Appalachia Northeastern - Illinois Northeastern - Michigan Pacific - Cook Inlet Pacific - Sacramento Pacific - North Slope Pacific - San Joaquin Rockies - Big Horn Rockies - Denver-Julesburg Rockies - Green River Rockies - Paradox Rockies - Piceanoe Rockies - Powder River Rockies - Raton Rockies - San Juan Rockies - Uinta Rockies - Williston

Project Name:	CKH Test II
Region & Basin:	Rockies - Big Horn
Country:	USA

Well Name:	DS18-17
Well Description:	Test as of 8-13-00
Est Spud/Start Date:	01-SEP-2000
Well API Number:	
Well Type:	NEW
Region & Basin:	Rockies - Big Horn
Country:	United States
State/Province:	Wyoming
County:	Gillette
Field:	Bull Field
Block:	
Survey:	

1902

•
•
•
FIG. 19A

Pumping Requirements for this Stage		
Max Slurry Mixing Rate, bpm	Max Slurry Pumping Rate, bpm	Max Slurry Displacement Rate, bpm

Miscellaneous Equipment/Service Needs for Hole Section		
Batch Mixer	<input type="checkbox"/>	Size
Standby Pumping Equipment	<input type="checkbox"/>	No. of Units
Computer Monitoring Equipment	<input type="checkbox"/>	
Additives in Liquid Form	<input type="checkbox"/>	
Special Personnel Requirements		

Comments for this Hole Section	

Category Attachments:
There are no attachments

File Attachments:
No File Attached

Interested

Not Interested

Submit Bid Proposal

View eField Ticket

Submit Bid Feedback	
<div><div></div><div></div></div> <div><div>Clear</div><div>Reset</div><div>Submit</div></div>	

FIG. 19B

Primary Cementing - eField - Tickets

Hole Selection	Total Cost w/3rd Party Incl, \$	Vendor Status	Operator Status
Hole Selection: Surface	16500.00	SUBMITTED	APPROVED
Hole Selection: Production	0.00		
Hole Selection: Conductor	0.00		

Create eField-Ticket

1910

1908

FIG. 19C

57/61

1912

Primary Cementing - eField-Ticket

Well Name	DS18-17	Accounting System Project #
Field Name	Bull Field	Project Mgt. System #
Project Name	CKH Test II	GL Account #
State/Province	Wyoming	Rig Name/No.
County/Parish	Gillette	Field Supv Name
Legal Location	1000' FNL, 500' FEL, Sec38, T45N, R101E, 8500 ft	Office Rep Name

1914

Hole Selection	[Hole Selection: Intermediate 1]	Currency Type	US Dollars
----------------	----------------------------------	---------------	------------

Job Summary

	Date (e.g. 01-JAN-2000)	Time (e.g. 13:31)
Arrive Location		
Job Start		
Job Completion		
Leave Location		

1916

Service Charges							
Item #	Description Of Service	Quantity/Footage	UOM	Unit Price, \$	Book Price, \$	Disc, %	Amount, \$
			EA				
			EA				
			EA				
			EA				
			EA				
			EA				

1918

FIG. 19D

[illegible]

FIG. 19E

(If additional lines are needed, save this page first)			Total 3rd Party Cost, \$

Comments for Operator

1926

Field Service Rep Name

Date of Submittal to Operator

128

Save

Save an Submit to Operator

130

Reset

Comments for Vendor

1932

Operator Rep

Date of Approval

Operator Interval Comments

1934

Sales Tax, \$

Total Cost w/3rd Party Incl, \$

1924

FIG. 19F

60/61

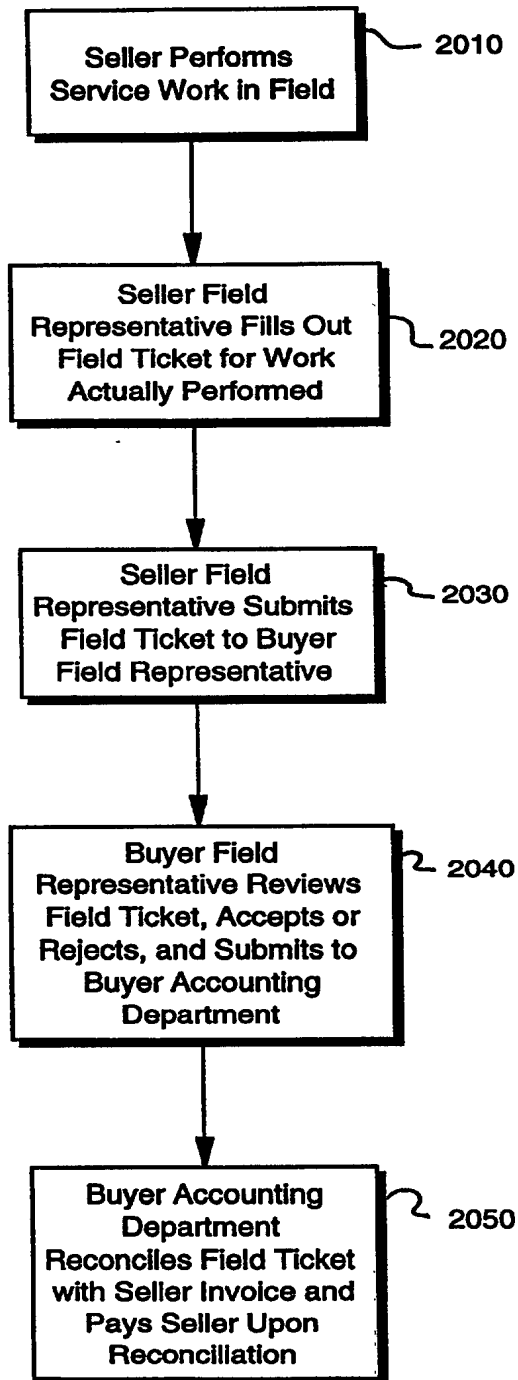


FIG. 20

61/61

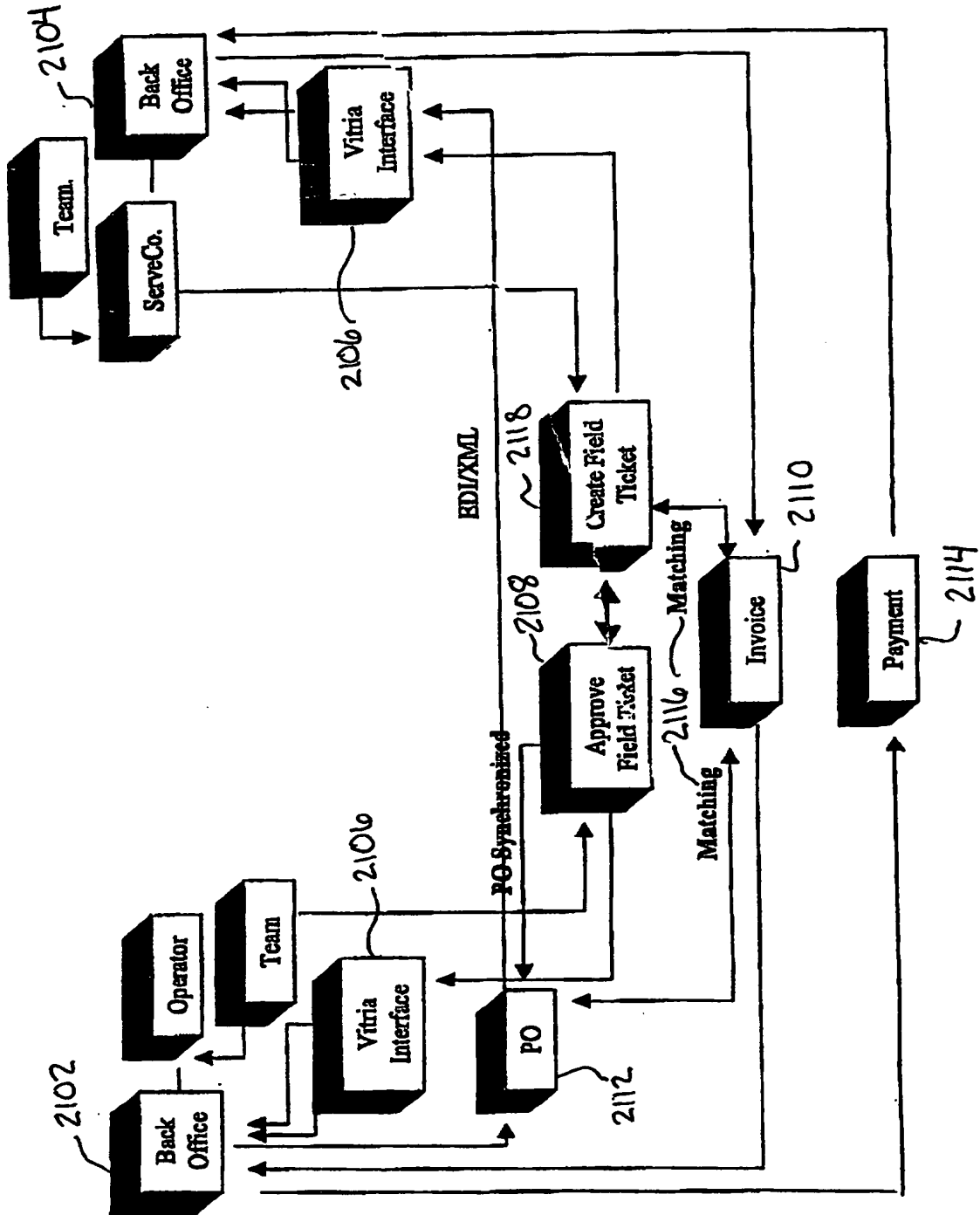


FIG. 21